



**AISM-25-A2H-A57-ZZZ-SVD**

**Version 12.05**

**CM-04222002-069-SVD1202V4**

## **Automated Information System Manual**

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## **HOUSING OPERATIONS MANAGEMENT SYSTEM**

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## **SOFTWARE VERSION DESCRIPTION (SVD)**

**Version 12.02**  
**(Build 18)**

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**US Army Information Systems Software Engineering  
Center - Meade**

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## **1. Scope**

### **1.1 Identification**

This package contains the Housing Operations Management System (HOMES) Version 12.02, which provides a formal change to the HOMES software. This software package is intended as a version upgrade for Housing Offices using HOMES Version 12.01 software.

### **1.2 System Overview**

HOMES was developed to provide a fully interactive automated system to support the day-to-day functions that the installation/community and MACOM Housing Management Offices perform. HOMES 12.02 automatically accomplishes the record-keeping functions of on-post, off-post, unaccompanied personnel housing (UPH) and inventory management of housing furnishings and equipment. It makes information available immediately to both management and staff personnel who require the data to accomplish their mission. The HOMES application satisfies the need for a “one stop, one chair” method of offering housing and furnishings to soldiers and military families, while assisting the Housing Office in achieving optimum utilization of Government housing.

### **1.3 Document Overview**

This document contains information pertaining to the software change (Version 12.02) for HOMES. Detailed changes for this release are described in Section 3.3.

**2. Referenced Documents and Materials**

- AISM-25-A2H-A57-ZZZ-TG Version 12.02 HOMES software release
- Homes Version 12.02 Change and Enhancement Guide
- CD-ROM for Housing Operations Management System (HOMES) Version 12.02 (Build 18)  
Server CD Volume 1 of 1
- CD-ROM for Housing Operations Management System (HOMES) Version 12.02 (Build 18)  
Workstation CD Volume 1 of 1
- Version Description Document DID DI-MCCR-800013A

**3. Version Description**

**3.1 Inventory of Materials Released**

Four (4) CD-ROMs are included for this Interim Change Package (ICP) and are identified as follows:

<u>Quantity</u>	<u>System</u>	<u>External Label</u>
1	Windows NT	Housing Operations Management System (HOMES) Version 12.02 (Build 18) Server (1 of 2) CD
1	Windows NT	Housing Operations Management System (HOMES) Version 12.02 (Build 18) Server (2 of 2) CD
1	Windows NT	Housing Operations Management System (HOMES) Version 12.02 (Build 18) Windows NT Workstation CD
1	Windows 2000	Housing Operations Management System (HOMES) Version 12.02 (Build 18) Windows 2000 Workstation CD

**3.2 Inventory of Software Contents**

- a. The following files are included on the CD-ROM for HOMES Version 12.02 (Build 18) Server (1 of 2):

/cd1/data1.cab	/cd1/NT4/QFEs/MS01-048/q305399i.exe
/cd1/data1.hdr	/cd1/NT4/QFEs/MS02-006/q314147i.exe
/cd1/data2.cab	/cd1/NT4/QFEs/MS02-008/2.6/q318202_msxml20_x86_en.exe
/cd1/ikernal.ex_	/cd1/NT4/QFEs/MS02-008/3.0/q318203_msxml30_x86_en.exe
/cd1/layout.bin	/cd1/NT4/QFEs/MS02-008/4.0/msxml4qfe.exe
/cd1/setup.bmp	/cd1/NT4/QFEs/MS02-013/msjavx86.exe
/cd1/Setup.exe	/cd1/NT4/QFEs/MS02-014/q313829i.exe
/cd1/setup.ini	/cd1/NT4/QFEs/MS02-017/q312895i.exe
/cd1/setup.inx	/cd1/NT4/QFEs/MS02-024/Q320206i.exe
/cd1/MDAC/mdac_typ.exe	/cd1/NT4/QFEs/MS02-029/Q318138i.exe
/cd1/QChain/qchain.exe	/cd1/NT4/QFEs/Q305929/Q305929i.exe
/cd1/SQL7/SP4/setup.bat	/cd1/NT4/QFEs/SRP/q299444i.exe
/cd1/NT4/QFEs/MS01-043/q304876engi386.exe	

- b. The following files are included on the CD-ROM for HOMES Version 12.02 (Build 18) Server (2 of 2):

/cd2/data1.cab	/cd2/Database/DataMigr/Batch/Installation_V1202_1.bat
/cd2/data1.hdr	/cd2/Database/DataMigr/Batch/Installation_V1202_2.bat
/cd2/data2.cab	/cd2/Database/DataMigr/DTS/1_V1202_CreateMigrationDB.dts
/cd2/ikernal.ex_	/cd2/Database/DataMigr/DTS/2_V1202_LoadMigrationDB.dts
/cd2/layout.bin	/cd2/Database/DataMigr/DTS/3_V1202_UpdateMigrationDB_DDL.dts
/cd2/setup.bmp	/cd2/Database/DataMigr/DTS/4_V1202_UpdateMigrationDB_DML.dts

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/cd2/Setup.exe	/cd2/Database/DataMigr/DTS/5_V1202_CreateProductionDB.dts
/cd2/setup.ini	/cd2/Database/DataMigr/DTS/6_V1202_LoadProductionDB.dts
/cd2/setup.inx	/cd2/Database/DataMigr/DTS/7_V1202_UpdateMigrationDB_ECP507_DML.dts
/cd2/Database/HOMESDB/Batch/CrtInstallationDBV1202-1.bat	/cd2/Database/Replication/Batch/Install_Repl_V1202_1.bat
/cd2/Database/HOMESDB/Batch/CrtInstallationDBV1202-2.bat	/cd2/Database/Replication/DTS/V1202_CrReplication.dts
/cd2/Database/HOMESDB/Batch/CrtMigrationDbV1202.bat	

- c. The following files are included on the CD-ROM for HOMES Version 12.02 (Build 18) Windows NT Workstation:

/disk1/data1.cab	/disk1/setup.bmp
/disk1/data1.hdr	/disk1/Setup.exe
/disk1/data2.cab	/disk1/setup.ini
/disk1/ikernal.ex	/disk1/setup.inx
/disk1/layout.bin	

- d. The following files are included on the CD-ROM for HOMES Version 12.02 (Build 18) Windows 2000 Workstation:

/disk1/data1.cab	/disk1/setup.bmp
/disk1/data1.hdr	/disk1/Setup.exe
/disk1/data2.cab	/disk1/setup.ini
/disk1/ikernal.ex	/disk1/setup.inx
/disk1/layout.bin	

### **3.3 Changes Installed**

The following DD5005's were incorporated into the HOMES Version 12.02 ICP. Also included are changes that were made to fix bugs that were found in both HOMES Version 12.01 and HOMES Version 12.02 during the Version 12.02 Software Quality Testing (SQT). These changes are denoted with numbers from PVCS Tracker, the tool used during SQT to keep track of test results. For specific examples of screen design changes, please refer to the HOMES Version 12.02 Change and Enhancement Guide located on the HOMES Help Desk website <https://www.homeshelp.army.mil/>.

#### **3.3.1 Handicap Information**

ECP # A2H-A150-529 (Handicap Information, AFH Dwelling Units). In HOMES Version 12.01, the only handicap information for AFH dwelling units that was stored was whether or not a dwelling unit was handicap equipped. In HOMES Version 12.02, the Handicap Equipped field has been replaced by a new field called Handicap Type on the ACA-422 AFH Dwelling Unit Maintenance screen. In this field, users can indicate whether an AFH dwelling unit was constructed to be handicap equipped, modified to be handicap equipped, or is not handicap equipped. For constructed or modified handicap equipped dwelling units, users can also indicate whether amenities assigned to the dwelling unit have handicap features by double clicking on the assigned amenity and checking the new Handicap Feature checkbox on the ACA-429 Amenity Detail screen.

ECP # A2H-A150-529a (Handicap Information, Dwelling Units). On all Dwelling Unit Maintenance screens (AFH[ACA-422], UPH[ACA-436], and Off-Post [ACA-446]), after the user saves an amenity detail, the current tab switches off of the Amenity tab. On the AFH and UPH screens, it switches to the "General" tab, while on the Off-Post screen, it switches to the "Associated Costs" tab. Code was modified to remove the tab switch after an amenity detail has been updated.

ECP # A2H-A150-530 (Handicap Information, Handicap AFH Dwelling Unit Search). HOMES Version 12.01 lacks the capability for sites to search for handicap facilities/dwellings with specific (handicap and/or non-handicap) amenities. In Version 12.02 of HOMES, additions have been made to the ACA-270 AFH Facility/Dwelling Unit Search screen as follows:

1. A drop down list for Handicap Type has been added to the Search Criteria section to allow users to select whether or not they want handicap facilities/dwellings included in their search results. The choices for handicap type are:  
(Blank line) - Include both handicap and non-handicap facilities/dwellings in the search  
B – Constructed and Modified  
C – Constructed  
M – Modified  
N – Non-Handicap, i.e. do not include handicap facilities/dwelling in the search.
2. A button for Amenity Selection has been added such that clicking on it presents the user with the ACA-432 Dwelling Amenity Selection screen where they can select from a list of available amenities that they want included in the search criteria.
  - i) When the user selects the Non-Handicap Type (N) on the ACA-270 search screen, the Handicap Feature column on the Dwelling Amenity Selection screen becomes unavailable. However the column is enabled for all other Handicap Types or if left blank.
  - ii) On the Dwelling Amenity Selection screen, when the Amenity Choice and Handicap Feature columns are both available to the user, then
    - Checking the Handicap Feature column automatically checks the Amenity Choice

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column, if it is not already checked. A check in the Handicap Feature column indicates that the user wants the search to return only those dwelling units with the selected amenity, but only if it has a Handicap Feature.

- Unchecking the Amenity Choice column automatically unchecks the Handicap Feature column if it is not already unchecked.
  - Checking the Amenity choice column and leaving the Handicap Feature column unchecked indicates that the user wants the search to return dwelling units with the selected amenity, regardless of whether or not the amenity has a Handicap Feature.
- iii) After selecting and confirming specific handicap-equipped amenities, returning to the ACA-270 search screen, and then changing the Handicap Type to Non-Handicap (N), a message prompts the user to confirm losing or keeping selections made on the Handicap Feature column of the Dwelling Amenity Selection screen.
- iv) The user also has the option of selecting whether the search should return results that include at least the amenities selected or any of the amenities selected.

Once the user is finished with their selections, the system presents another new screen: the Dwelling Amenity Search Criteria screen. This screen lists all the amenities selected and indicates those that should be handicap-equipped. Upon confirmation, the system sends the user back to the ACA-270 screen. The text in the Amenity Selection button is italicized to indicate that the user has made selected amenities.

3. The column (HC) has been added to the search results on ACA-270 screen for the handicap type.

Since HOMES does not capture handicap nor amenity information for UPH facilities and dwelling units, the Handicap Type drop down list and Amenity Selection button is disabled when the user elects to search for UPH facilities and dwellings.

ECP # A2H-A150-531 (Handicap Information, Customer Housing Application). In HOMES Version 12.01, the ACA-201 Customer Housing Application screen does not capture handicap information for the customer. In HOMES Version 12.02, a Handicap Requirement checkbox has been added to the General tab that indicates whether a customer has a need for handicap-equipped housing, and a new Remarks Type called "Handicap Info" to the Remarks tab of the screen. The report for the printed housing application was also changed to reflect the addition of the two new fields.

ECP # A2H-A150-532 (Handicap Information, AFH Dwelling Units Search). A new dropdown field entitled "Handicap Type" has been added to the ACA-205 Customer AFH Dwelling Units screen, as well as an "Amenity Selection" button. These two fields work in the same manner as identified in ECP # A2H-A150-530, items 1 and 2 above. In the Search Results section, a column "HC" has been added to display the dwelling's Handicap Type.

If a customer's housing application indicates a handicap requirement, dwelling units having a handicap type are displayed at the top of the search results when the ACA-205 screen is accessed to make an offer or assignment. All other non-handicapped dwellings the customer is eligible for are displayed after the handicap dwelling units. If the customer has an existing offer or offers, these are displayed at the top of the list, followed by the handicap dwellings, and then non-handicap dwellings for which the customer is eligible.

ECP # A2H-A150-533 (Handicap Information, Waiting List Sequence). HOMES Version 12.01 does not have the capability to identify customers on the waiting list with handicap requirements. In HOMES Version 12.02, this need has been satisfied by adding the column "HC" to the ACA-204 Waiting List Sequence Screen. If a customer has a handicap requirement recorded on their Customer Housing Application, this is displayed under the "HC" column with a "Y". If not, then an "N" is displayed. On the

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office copy of the waiting list printout, the field "HC" is present and a "Y" displayed if applicable. However, the posted copy of the waiting list printout does not have the HC field.

ECP # A2H-A150-534 (Handicap Information, Off Post Listing Dwelling Unit). The ACA-446 Off Post Dwelling Unit screen in HOMES Version 12.01 does not have the capability to indicate if an off-post dwelling unit has any handicap features. In HOMES Version 12.02, the "Inspected" checkbox has been replaced by a dropdown field labeled, "Handicap Type". The "Inspection Date" field will now be the sole indicator of an Off Post Dwelling Unit Inspection on the ACA-446 screen. For all Off Post dwelling units that had their "Inspected" checkbox checked in HOMES Version 12.01, the HOMES Version 12.02 data migration scripts check to see if a date was also entered in the "Inspection Date" field. If not, then the migration scripts will update the "Inspection Date" with a default date of 01-Jan-1900. If need be, users can update this field directly from the ACA-446 screen to the correct inspection date.

In the new "Handicap Type" field, users can indicate whether an Off Post dwelling unit was constructed to be handicap-equipped, modified to be handicap-equipped, or is not handicap equipped. For constructed or modified handicap-equipped dwelling units, users can also indicate whether amenities assigned to the dwelling unit have handicap features by double clicking on the assigned amenity and checking the new Handicap Feature checkbox on the ACA-429 Amenity Detail screen. The field 'HC Type' and a code of "HC" for handicap amenities are displayed on the Listing Summary printout and the Listing Detail printout.

ECP # A2H-A150-535 (Handicap Information, Off Post Handicap Facilities/Dwellings Search). On the ACA-440 Off Post Housing Search screen of HOMES Version 12.02, a drop down list for Handicap Type has been added to the Search Criteria section. The drop down allows users to select whether or not they want handicap facilities/dwellings included in their search results and, if they do want one, to specify the type of handicap. (See ECP # A2H-A150-530 item 1 above for the handicap type choices). The Amenity Selection button has been added to offer the user the choice to specify amenities in the dwelling/facility. (The button works the same way as for the ACA-270 AFH Facility/Dwelling Unit Search screen. Refer to ECP # A2H-A150-530 item 2 above for details).

In the Search Results section, a column "HC" to display the dwelling's the handicap type.

Since HOMES does not capture handicap nor amenity information for Off Post non-listings, the Handicap Type drop down list and Amenity Search button is disabled when the user elects to search specifically for Off Post Non-listings.

ECP # A2H-A150-536 (Handicap Information, Off Post Listing Search). On the ACA-206 Off Post Listing Search screen, two items have been added: a button labeled Amenity Selection and a drop down list labeled Handicap Type. The drop down allows users to select whether or not they want handicap offpost listings included in their search results. The Amenity Selection button offers the user the choice to specify amenities to be found in the listing. (The button and field work the same way as for the ACA-270 AFH Facility/Dwelling Unit Search screen. Refer to ECP # A2H-A150-530 items 1 and 2 above for details). The column, HC, has been added to the search results for the handicap type on the ACA-207 Off Post Listing Search Results screen.

Since HOMES does not capture handicap nor amenity information for Off Post non-listings, the Handicap Type drop down list and Amenity Search button is disabled when the user elects to search specifically for Off Post Non-listings.

ECP # A2H-A150-537 (Handicap Information, Off Post Listing). In HOMES Version 12.01, Amenity information displayed on the ACA-208 screen did not appear the same as listed under the Assigned Amenities/Utilities on the Off Post Dwelling Unit Maintenance ACA-446 screen. In Version 12.02 this

issue was corrected to display amenity detail and any handicap information for the amenity.

ECP # A2H-A150-538 (Handicap Information, Off-Post Listing Summary Report). In HOMES Version 12.01 when a large amount of amenities are listed with an off-post dwelling, some of the amenity information is being overlaid and cannot be read. In Version 12.02 the issue has been corrected by allowing the amenity field to grow as necessary in order to accommodate the information.

ECP # A2H-A150-539 (Handicap Information, Family Housing Reports). On each of the following reports, a column for the Handicap Type has been added:

- Family Housing Dwelling Extract
- Family Housing Dwelling Listing by Status
- Family Housing Projected Vacancies
- Family Housing Unoccupied Dwelling Listing
- FH Dwelling Maintenance Planning

ECP # A2H-A150-539a (Handicap Information, FH Dwelling Detail Report). In HOMES Version 12.01, the AFH Dwelling Detail report does not have any indicator to identify handicap types or handicap-equipped amenities. In HOMES Version 12.02, the following modifications have been made to the report: “Handicap Type” has been added to the details portion of the Amenities section as well as a handicap-equipped indicator. Modifications were also made to the database to reflect this change.

ECP # A2H-A150-540 (Handicap Information, Off-Post Housing Listings by POC/Status Report). To indicate handicap information, the Handicap Type column was added to the Off-Post Housing Listings by POC/Status Report.

ECP # A2H-A150-540a (Handicap Information, Off-Post Listing Detail Report). The Off-Post Listing Detail Report has been modified to indicate handicap information as follows: A “Handicap Type” field has been added to the report and a handicap-equipped indicator has been included in the details portion of the Amenities section

### **3.3.2 Admin**

ECP # A2H-A150-520 (Admin, Military Pay Grades Sort Order). The logical order of pay grades has been corrected in Version 12.02 and is reflected in the BOP and PFHO reports. A new field has been added to the pay grade table in the database for additional sort ordering to be displayed in several IQ reports.

ECP # A2H-A150-524 (Admin, System Upgrades). The system currently operates in Windows NT. With more sites upgrading their workstations to Windows 2000, changes were made to ensure that the application operates properly in Windows 2000. Although a functional test has already been performed for HOMES 12.01 against Windows 2000, all changes made in 12.02 were developed in Windows 2000 and have been tested on both platforms during test periods. Along with the upgrade to Windows 2000, development machines were also upgraded to Visual Basic 6.0 and Crystal Reports 8.0.

ECP # A2H-A150-525 (Admin, NAF and WG Pay Grades). There were previous discrepancies between some of the NAF and Wage Grade pay grades and their military equivalent. In Version 12.02, the pay grade equivalency and waiting list classification values in the database have been updated. Also, the current occupancy codes in the relevant database tables have been changed to reflect the new equivalencies/classifications of assigned personnel with the affected pay grades. For more details on the updates that were made, please see the data migration notes in [ECP # A2H-A150-525](#) under [Section 3.12](#)

of this document.

ECP # A2H-A150-543 (Admin, Section 508 Remediation). In Version 12.01, 26 screens were determined to be in violation of Section 508 requirements, mostly because some screen items were not accessible via the keyboard. For Version 12.02, modifications have been made to these screens to make them Section 508 compliant. For more details, please see the [Appendix](#) on the background of Section 508 requirements, the methodology used by the HOMES team to assess any violations in the HOMES application, and a list of the 26 screens that were modified to be Section 508 compliant.

### **3.3.3 Army Family Housing (AFH)**

ECP # A2H-A150-506 (Family Housing, Acquisition Category Codes). The descriptions of the AFH acquisition category codes 17 and 18 were modified to “Section 2835 (formerly Section 801)” and “Section 2836 (formerly Section 802)/GHRP,” respectively.

ECP # A2H-A150-512 (Family Housing, Privatization). In HOMES Version 12.01, there were no acquisition category codes for privatized facilities. The following new acquisition category codes have been added to the “Acquisition Category” table in HOMES Version 12.02 for AFH:

- 31 – RCI Acquired from Government
- 32 – RCI Built New
- 33 – RCI Built as Replacement for Acquired from Government
- 34 – RCI Minor Renovation for Acquired from Government
- 35 – RCI Major Renovation for Acquired from Government

Two digit acquisition category codes with 3 as their first digit indicate an RCI facility. When the user selects a RCI acquisition category code from the ACA-421 AFH Facility Maintenance screen, the Privatized Date field becomes required. Otherwise, the field is optional.

The only way a facility should be returned to government is by deleting the Privatized Date first. The system automatically resets the acquisition category code to the last non-RCI code in the status history. For facilities that were not previously government-owned and therefore do not have a non-RCI code recorded in their status history, the system prompts the user with a message that instructs them to select the non-RCI acquisition category code that applies to the facility. If the user attempts to change the acquisition category code before removing the privatized date, a message box will appear that reads the following: “This facility is privatized and cannot be changed to the selected acquisition category. You must remove the privatized date in order to return the facility to the government inventory”.

HOMES Version 12.02 data migration scripts update the acquisition category of facilities with privatized dates to the new category code 31. When users enter the Privatized Date for a facility in HOMES Version 12.02 but neglects to select a RCI acquisition category code before trying to save their changes, the system will prompt the user with a message instructing them to select a RCI acquisition category code.

The new RCI codes will be available on the following screens and reports:

- ACA-421 AFH Facility Maintenance screen
- ACA-270 AFH Facility/Dwelling Unit Search screen
- ACA-032R Print FH Dwelling Extract screen
- Family Housing Dwelling Extract report
- Family Housing Dwelling Listing report
- Family Housing Dwelling Listing All Unoccupied Dwellings report

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Projected Family Housing Vacancies report  
Family Housing Facility History report  
Projected Family Housing Assignments report  
Family Housing Dwelling Detail report  
Family Housing Dwelling Vacancy Summary report

ECP # A2H-A150-514 (Family Housing, 1410 Report). HOMES did not previously provide the capability to generate the DD Form 1410 Family Housing Occupancy and Inventory Report. In Version 12.02, the 1410 report has been integrated into the HOMES application and is accessible from the ACA-090R Summary Report List screen.

ECP # A2H-A150-514a (Family Housing, Orphaned RPICs). In HOMES Version 12.01, some Sub-RPICs are not linked to an installation name and therefore running the 1410 and 1411 reports would cause a miscount in the number of dwelling units. Orphaned RPICs, if any, now appear in the Sub-RPIC fields with "Unknown" as the Installation name and on the ACA-421 AFH Facility Maintenance and ACA-435 UPH Facility Maintenance screens. Users can then delete the facilities or migrate them to other RPICs as desired. To keep the facilities and correct the Installation names of the orphaned sub-RPICs, contact the HOMES Help Desk.

ECP # A2H-A150-515 (Family Housing, 1411 Report). HOMES did not previously provide the capability to generate the DD Form 1411 Family Housing Designation and Assignment Report. In Version 12.02, the 1411 report has been integrated into the HOMES application and is accessible from the ACA-090R Summary Report List screen.

ECP # A2H-A150-516 (Family Housing, BOP 1 Report Discrepancies). The BOP 1 report in HOMES Version 12.01 does not provide accurate report information. In Version 12.02, the rental cost type filter for the report has been removed because it was causing the report to not pick up units occupied by military personnel and reimbursable civilians.

ECP # A2H-A150-516a (Family Housing, Army vs. Non-Army Breakout in BOP 1 report). In Version 12.02, the BOP 1 report has been reformatted to breakdown Army personnel vs. non-Army personnel in the pay grade list.

ECP # A2H-A150-517 (Family Housing, BOP 2 Report Discrepancies). In Version 12.01, the BOP 2 report does not pick up any BOP customer assigned as the next occupant following the termination of a non-BOP customer except through a "workaround". In Version 12.02, this issue has been resolved. Additionally, the following fixes have been implemented based on business requirements and other problems identified:

1. The number of occupied days for SM/SM customers reversed during or after the report period has been corrected for the customer designated as the primary during the report period.
2. The daily rate no longer includes a VHA component.
3. The Constructed Occupancy Category for each dwelling's associated facility has been replaced with the Current Occupancy Category.

ECP # A2H-A150-517a (Family Housing, Army vs. Non-Army Breakout to BOP 2). In Version 12.02, the BOP 2 report has been reformatted to breakdown Army personnel vs. non-Army personnel in the pay grade list.

ECP # A2H-A150-518 (Family Housing, BOP 3 Report Discrepancies). In Version 12.01, the BOP 3 report does not provide accurate report information due to a rental cost type problem. In Version 12.02, the problem has been corrected. In addition, the following modifications have been implemented:

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1. The status code from the dwelling status history has been substituted for the current dwelling status so that dwellings actually occupied on the report's effective date are counted.
2. In Version 12.01, for SM/SM customers reversed before the report's effective date where the primary was flagged for deletion, the report counted both occupancies because both customers ended up being classified as "primary". This problem was corrected by inserting new checks to establish which of the two should really be counted.
3. The condition that checks the termination date was altered so that dwellings from which customers have been terminated on the report's effective date are also counted.
4. The Constructed Occupancy Category for each dwelling's associated facility has been replaced with the Current Occupancy Category.
5. The section that counts diverted units has been updated such that their numbers display correctly.
6. The method by which totals were counted has been modified and the numbers are consistent with each other.

ECP # A2H-A150-518a (Family Housing, Army vs. Non-Army Breakout to BOP 3). In Version 12.02, the BOP 3 report has been reformatted to breakdown Army personnel vs. non-Army personnel in the pay grade list.

ECP # A2H-A150-526 (Family Housing, PFHO1 report). The Privatized Family Housing Occupancy 1 (PFHO 1) report is a new report that displays the same information as BOP 1, but only for privatized facilities. A new screen has been created in the HOMES Version 12.02 application to generate the reports and is accessible from the ACA-090R Summary Report List screen.

ECP # A2H-A150-527 (Family Housing, PFHO 2 report). The Privatized Family Housing Occupancy 2 (PFHO 2) report is a new report that displays the same information as BOP 2, but only for privatized facilities. A new screen has been created in the HOMES Version 12.02 application to generate the reports and is accessible from the ACA-090R Summary Report List screen.

ECP # A2H-A150-528 (Family Housing, PFHO 3 report). The Privatized Family Housing Occupancy 3 (PFHO 3) report is a new report that displays the same information as BOP 3, but only for privatized facilities. A new screen has been created in the HOMES Version 12.02 application to generate the reports and is accessible from the ACA-090R Summary Report List screen.

ECP # A2H-A150-544 (Family Housing, On Post Termination Reason Codes for Secondary Customers). In HOMES Version 12.01, the list of available termination reason codes for secondary customers was inconsistent with those for primary customers. Furthermore, it included termination reason codes that should only be available for offpost customers. The issue has been resolved such that the same codes now apply for primary and secondary customers in HOMES Version 12.02.

### **3.3.4 Customer**

ECP # A2H-A150-505 (Customer, Assignment Priority). Within HOMES Version 12.01, the assignment priorities for AFH and UPH do not match what is in AR 210-50. The correct descriptions for AFH and UPH assignment priorities have been implemented in HOMES Version 12.02 as follows:

#### **AFH**

1. Key and essential military and civilian personnel
2. Authorized assigned/attached military and civilian personnel (IAW AR 210-50, Table 3-3)
3. Army personnel not assigned to installation but assigned outside one hour commuting (Housing support agreement required)
4. Other Services military personnel (Include 32 USC AGR personnel assigned or attached for duty within one hour commuting distance)

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5. Other personnel with support agreements (Foreign or allied military/special projects/nonmilitary Public Health Service/National Oceanic and Atmospheric Administration/Coast Guard)
6. In CONUS, unaccompanied families of military personnel

### UPH

1. Key and essential military and civilian personnel
2. Permanent party personnel assigned/attached to installation including PCS students receiving BAH at “without dependent” rate/unaccompanied civilian, OCONUS/family restricted tour personnel/unaccompanied personnel serving “all others tour” (excluding Hawaii and Alaska)
3. Permanent party unaccompanied personnel receiving BAH at the “with dependent” rate for support of family members due to divorce or separation (court ordered decree or OSJA separation agreement) or with legally supported family members, for example, children or parents
4. Service members in CONUS, Hawaii, Alaska or U.S. territories receiving BAH at the “with dependent” rate but not accompanied by family members for personal reason (i.e., “geographical bachelor”)
5. Title 32 Active Guard Reserve/foreign military personnel
6. Military and civilian personnel not otherwise eligible

To correspond with the new descriptions, existing assignment priorities were mapped to new ones in the HOMES Version 12.02 data migration.. Please see the data migration notes in [ECP # A2H-A150-505](#) under [Section 3.12](#) of this document for the mapping details.

The Assignment Priority dropdown list on the ACA-201 Customer Housing Application screen could not be made large enough to accommodate many of these new descriptions. The code was modified so that the words “Assignment Priority” on the General tab of the Customer application acted as a hyperlink, bringing up the ACA-234 Assignment Priority Selection screen. From this screen, the user can view the complete (and sometimes lengthy) description for each assignment priority. Selections for assignment priority are passed back and forth between this screen and ACA-201 screen. The same change was made to the words “New Priority” on the Assignment Priority tab of the ACA-212 Customer Waiting List Details screen.

ECP # A2H-A150-505 (Customer, Assignment Priority). HOMES Version 12.01 uses "Eligibility Status Code" as the second sort criterion, behind assignment priority, for determining a customer's position on an AFH or UPH waiting list. Since the Eligibility Status Codes are letters, their sort order is alphabetical. As a result, civilians, where applicable, are positioned on the waiting list before military personnel when all other sort criteria are equal. According to AR 210-50, a customer's “Eligibility Status Code” is not needed to determine their position on a waiting list. To correct this, “Eligibility Status Code” was removed as a criterion when the application sequences waiting lists.

ECP # A2H-A150-509 (Customer, Family Members). In HOMES Version 12.01, the spouse's birth date on the Family tab within the Family grid on the ACA-201 Customer Housing Application screen is required which it should not be. In HOMES Version 12.02, the “Birth Date” is no longer required for spouses. Users can delete the birth date of existing spouses on the family member grid. On the grid, the “\*” next to the “Birth Date” label remains since the field is required for all other types of family members.

### **3.3.5 Furnishings**

ECP # A2H-A150-510 (Furnishings, Inventory Listing Receipts). On the Inventory Listing Receipt report, the unit costs were not displayed using actual values in dollars and cents, but rather were rounded to the nearest whole dollar. Also, field widths of the unit costs were not wide enough to show dollar amounts up to and including \$99,999.99, the maximum allowable dollar amount for the furnishings item

unit costs in the HOMES application. Alterations were made to the design of the Inventory Listing Receipt report to round unit cost values to the nearest cent and to fully display the largest unit cost amount possible.

ECP # A2H-A150-513 (Furnishings, FOP and OINT Receipts). The document number associated to an FOP or OINT transaction was not displaying on the printed document after the record is saved and the option to print is selected from the ACA-682A/B AFH/UPH Receipt Detail screens. Changes were made to the code that would display the document number on the receipt printout if the print option is selected after saving from the ACA-682A/B AFH/UPH Receipt Detail screens.

ECP # A2H-A150-521 (Furnishings, Contractor Issues/Turn-Ins and Delivery Schedule). When creating a new request for Contractor Issue or Contractor Turn-in, the user can create a delivery schedule. If the user selects the Document Number when the delivery schedule is created and then printed, the Document Number is changed to a non-registered document number. A change was made to the code that disables the Action menu choice "Delivery Schedule" if a contractor issue or turn-in is being requested or viewed on the following screens:

- ACA-687C New Request for Contractor Issue
- ACA-687D View Open Requests for Contractor Issue
- ACA-688C New Request for Contractor Turn-In
- ACA-688D View Open Requests for Contractor Turn-In

ECP # A2H-A150-541 (Furnishings, Common Table of Allowances). Because the current set of HOMES CTA rollup descriptions is out of date and incomplete, the following rollup descriptions were added to better match some of the furnishing items on an installation's master inventory:

- Bed, Double
- Bed, Single
- Decorative Accessories
- Lamp, Table/Desk
- Mattress, Single
- Mirror
- Pad, Mattress
- Table, Night
- Table, Dining
- Table, Square
- Wardrobe
- Video Recorder
- Entertainment Unit
- Shampooer

PVCS Tracker # 1619 (Furnishings, Warehouse Listings). In HOMES Version 12.01, an invalid object message would appear when you tried to add a new warehouse inventory listing to the system from the ACA-660 Furnishings Warehouse Search screen. The problem has now been corrected in Version 12.02.

PVCS Tracker # 1697 (Furnishings, Inventory Listings). In HOMES Version 12.01, an invalid object message would appear when you tried to add a new inventory listing to the system from the ACA-627C Troop/Unit, ACA-627D Billeting, and ACA-627E Non-Supportable Furnishings Search screens. The problem has now been corrected in Version 12.02.

### **3.3.6 Housing**

ECP # A2H-A150-502 (Housing, Inspection Search). When adding a new inspection, the dropdown menu choice on the Inspection Maintenance screen under Actions entitled “Inspection Search” is not activated. It will now be activated such that when a user is scheduling a new inspection, they can perform a search to ensure an inspection has not already been scheduled and the inspector is available to conduct the inspection.

ECP # A2H-A150-503 (Housing, Inspection Search). When searching for inspections an inspector may already be scheduled for, the search is limited to the applicable search screen (AFH, UPH or Off Post). A change was made such that when a user searches for the scheduled inspections of a particular inspector, they are prompted with a message asking if they wish to search for scheduled inspections across AFH, UPH and Off Post. If they choose to search across all housing types, the desired results are presented to the user from any of the housing type inspection search screens. Otherwise, the search results are limited to the housing type of the current inspection search screen.

ECP # A2H-A150-504 (Housing, Inspection Search). An inspection type of “Non-Inspection” is used to block a day or period when an inspector will not be available for inspections. However, HOMES Version 12.01 does not record such inspections on any inspection printout. In HOMES Version 12.02, the following reports have now been modified to include non-inspection periods:

- Inspection Schedule
- Inspection Schedule by Inspector
- Family Housing Inspection Schedule
- Family Housing Inspection Schedule by Inspector
- UPH Inspection Schedule
- UPH Inspection Schedule by Inspector
- Off Post Inspection Schedule
- Off Post Inspection Schedule by Inspector

ECP # A2H-A150-507 (Housing, Onpost Assignments). In HOMES Version 12.01, when creating or amending a UPH or AFH assignment, records with effective dates that are greater than the new effective assignment date are deleted from the Dwelling Status History. As a result, valid data was lost, and the Dwelling Status History was not consistent with Current Dwelling Status and Customer Housing Status data. In Version 12.02, the problem has been rectified and no data is removed from the status history table. The following screens are involved:

- ACA-218 AFH Dwelling Assignment
- ACA-219 UPH Dwelling Assignment
- ACA-220 Amend Assignment

The database was also updated and repopulated with the correct Status History data. Please see the data migration notes in [ECP # A2H-A150-507/508](#) under [Section 3.12](#) of this document for details.

ECP # A2H-A150-507a (Housing, Onpost Assignments). In HOMES Version 12.01 under certain scenarios, entering or amending a Projected Termination Date for AFH/UPH assignment removes other assignment information from the Status History tab. The change to the Projected Termination triggers the functionality that updates the assigned dwelling’s status history. In Version 12.02, the problem has been rectified and no data is removed from the status history table. The following screens are involved:

- ACA-218 AFH Dwelling Assignment

- ACA-219 UPH Dwelling Assignment

Additionally, the database was updated and repopulated with the correct Status History data. Please see the data migration notes in [ECP # A2H-A150-507/508](#) under [Section 3.12](#) of this document for details.

ECP # A2H-A150-508 (Housing, UPH Assignment). In HOMES Version 12.01, under certain scenarios, revoking a UPH assignment removes other records from the Status History tab. In addition to removing information, the dwelling status is changed to Available when in fact there may be another UPH customer assigned. Version 12.02 determines the new status of the dwelling unit by checking for other occupants in the dwelling unit. If there are any, then the current revocation does not change the occupied status of this dwelling unit. Additionally, the database was updated and repopulated with the correct Status History data. Please see the data migration notes in [ECP # A2H-A150-507/508](#) under [Section 3.12](#) of this document for details.

ECP # A2H-A150-508a (Housing, Termination Revocations). In HOMES Version 12.01, Dwelling Status History records are erroneously deleted if a user tries to back-date a termination revocation when other transactions occur (such as a subsequent assignment) in the dwelling unit. In Version 12.02, this problem fixed and in addition, for UPH, if subsequent assignments have occurred, the user is notified to revoke those assignments first before being allowed to revoke the desired termination. The modifications affect the ACA-227 AFH Dwelling Termination and ACA-228 UPH Dwelling Termination screens. The database was updated and repopulated with the correct Status History data. Please see the data migration notes in [ECP # A2H-A150-507/508](#) under [Section 3.12](#) of this document for details.

ECP # A2H-A150-519 (Housing, Future Terminations). HOMES Version 12.01 incorrectly processes the future termination of one of two service members assigned to an AFH dwelling. In HOMES Version 12.02, the process now works correctly and the family grid is updated in the case where the service member being terminated is leaving the service. In all other future termination cases (such as permanent change of station, intra-post move, etc.) the service member is terminated from housing. If the terminated service member was the primary customer, the secondary customer becomes responsible for all furnishings and becomes the primary customer. For details on the data scrub that was performed to correct assignment records that were effected by this bug, please see the data migration notes in [ECP # A2H-A150-519/522](#) under [Section 3.12](#) of this document.

ECP # A2H-A150-522 (Housing, Future Terminations). HOMES Version 12.01 is not reliable when processing future terminations as a result of the following issues:

1. When a primary and secondary customer are assigned, terminated, and assigned again on the same day, the secondary customer is not terminated correctly. The most recent termination date is not used for the secondary customer.
2. There are cases when the termination process does not end.
3. An SM to SM termination for one customer is not performed correctly (\*Note: this issue has been addressed in the preceding ECP).

HOMES Version 12.02 rectifies these issues. Furthermore, a new screen has been added: the ACA-561 Future Termination Search screen which enables users to search for projected, successful, and failed future terminations; sort the results by termination date or customer name; and print results for all search and sorting criteria. For details on the data scrub that was performed to correct assignment records that were affected by this bug, please see the data migration notes in [ECP # A2H-A150-519/522](#) under [Section 3.12](#) of this document.

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ECP # A2H-A150-542 (Housing, Army Location Code (ARLOC) and Facility Number (FACNO)). A new table with 2 columns for ARLOC and FACNO has been added to the HOMES database.

PVCS Tracker # 1655 (Housing, Onpost Facility and Dwelling Status History). In HOMES Version 12.01, a facility's Added Date is always the "current date" when the facility was added/converted and could not be edited by a user. However, when a user entered a new dwelling for that facility, they could back-date a dwelling status history entry. This causes an inconsistency between numbers in the Total Inventory section of the 1410 report and the other sections. In HOMES version 12.02, code was added to make the Added Date editable upon creation of a facility, but to still leave it read-only at all other times. Another business rule was also added to the ACA-427 Modification History and the ACA-428 Status History screens that will not allow a facility history or dwelling status history entry to be back-dated earlier than the facility's Added Date.

PVCS Tracker # 1974 (Housing, Dwelling Status History). In HOMES Version 12.01, when the user deletes a facility and its associated dwelling units from the Facility Maintenance screen, the system updated the Current Status Code of all deleted dwelling units with "T" (Inactive/Archived), but did not add a Dwelling Status History record for the new status. If the status prior to deletion was "D" (Diverted), this caused an inconsistency between the dwelling's Current Status Code and its latest Dwelling Status History record. In HOMES Version 12.02, the code has been modified to ensure that both the Current Status Code and Dwelling Status History are updated correctly when a dwelling is deleted.

PVCS Tracker # 1975 (Housing, Dwelling Status History). In HOMES Version 12.01, when the user undeletes a facility and its associated dwelling units from the Facility Maintenance screen, the system updated the Current Status Code of all undeleted dwelling units with the user-supplied status code, but did not add a Dwelling Status History record for the new status. This caused an inconsistency between the dwelling's Current Status Code and its latest Dwelling Status History record. In HOMES Version 12.02, the code has been modified to ensure that both the Current Status Code and Dwelling Status History are updated correctly when a dwelling is undeleted.

### **3.3.7 Unaccompanied Personnel Housing (UPH)**

There was no UPH-specific DD5005's for this release. All UPH issues applied to both AFH and/or Off Post housing as well. So, they are listed under Section [3.3.6 Housing](#).

### **3.4 Adaptation Data**

There is no adaptation data for this release.

### **3.5 Related Documents**

There are no related documents for this release beyond the referenced documents in section 2.

### **3.6 Interface Compatibility**

There are no issues for this release.

### **3.7 Biography of Reference Documents**

There are no biography of referenced documents for this release.

### **3.8 Summary of Change**

The operational effects of the engineering changes are listed with their respective ECPs in Section 3.3.

### **3.9 Installation Instructions**

The Installation Instructions have been prepared the same for CONUS and OCONUS sites. Refer to Section 4 for Server installation instructions and Section 5 for workstation installation instructions.

### **3.10 Possible Problems and Known Errors**

There are no common problems or errors that exist for this release. Contact Help Desk (Below) if problems occur.

### **3.11 Software Installation Point Of Contact Information**

If problems are encountered or if there are questions regarding the installation, please contact the HOMES Help Desk at the appropriate location listed below:

- a. OCONUS Europe: Contact the EDS Technical Support Team (011-49-621-730-2085).
- b. CONUS and all non-Europe OCONUS: Contact the HOMES Help Desk –

DSN: 328-7516, Commercial  
328-7750 (FAX)

COMMERCIAL: 703-428-7516 (Voice)  
703-428-7750 (FAX)

1-800-368-1023 (Voice)

E-MAIL: helpdesk\_homes@belvoir.army.mil

**3.12 Notes**

The following data scrubs will be performed during the update to HOMES version 12.02 in order to correct bad data created from bugs in HOMES version 12.01:

*ECP # A2H-A150-504*

- Update the customer id of non-inspection records to null.

*ECP # A2H-A150-505*

- To correspond with the new assignment priority descriptions, update the assignment priorities of existing customers according to the following assignment priority mappings:

<b>AFH Assignment Priority Mapping</b>	
<u>Existing #</u>	<u>New #</u>
1	(no change)
	(no change, but ensure that civilians fall into #2 except existing civilians with an assignment priority of
2	1)
3	4
4	6
5	2
6	4

<b>UPH Assignment Priority Mapping</b>	
<u>Existing #</u>	<u>New #</u>
1	(no change)
2	(no change)
3	2
4	(no change)
5	(no change)
6	(no change)

- Re-sequence all waiting lists to account for new assignment priority mappings associated with ECP # A2H-A150-505 and the position discrepancies caused by the problems documented in ECP # A2H-A150-523.

*ECP # A2H-A150-507/508*

- Insert missing assignment records into the Onpost Dwelling Status History table for all post-HOMES Version 11.01 effective assignment dates.
- Insert missing termination records into the Onpost Dwelling Status History table for all terminated assignments with a post- HOMES Version 11.01 effective assignment date.
- Remove assignment/revoke assignment and termination/revoke termination record pairs from the On-Post Dwelling Status History table.
- Correct any resulting inconsistencies between the Onpost Dwelling Status History status values and

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the current status indicated in the associated Onpost Dwelling records.

- In addition to fixing the problems where records were being incorrectly deleted from the Status History tab, the version 12.02 change package will also restore the records that had previously been deleted if determined the record is not invalid (for example, pre-version 11.00 database migration record).
- Spreadsheets will be generated to show the following:
  - Assignments Inserted
  - Terminations Inserted
  - Revocations Deleted
  - Assignment Anomalies
  - Termination Anomalies
  - Revocation Anomalies
  - Status Mismatch

The spreadsheet “**Assignments Inserted**” is an Excel spreadsheet showing the assignment records that were restored on the applicable Status History tab. Use the spreadsheets and go to the applicable dwelling units to see that the applicable records were restored. For records restored, you will see the word “**Unit**” at the end of the text description to help distinguish normal transaction records from those restored.

The spreadsheet “**Terminations Inserted**” is an Excel spreadsheet showing the termination records that were restored back on the applicable Status History tab. The record inserted on the Status History tab reads, “**Terminated from dwelling unit**”.

The spreadsheet “**Revocations Deleted**” is an Excel spreadsheet showing the revocation records that were deleted from the database.

The spreadsheet “**Assignment Anomalies**” is an Excel spreadsheet showing assignment history records that could not be reconciled with other data associated to the status history of a particular dwelling unit or which involve an assignment date prior to the version 11.00 migration date for the site in question.

The spreadsheet “**Termination Anomalies**” is an Excel spreadsheet showing termination history records that could not be reconciled with other data associated to the status history of a particular dwelling unit or which involve an assignment date prior to the version 11.00 migration date for the site in question.

The spreadsheet “**Revocation Anomalies**” is an Excel spreadsheet showing revocation history records not deleted from the status history of a particular dwelling unit because they could not be connected with a record for the revoke transaction (assignment or termination) being revoked.

The spreadsheet “**Status Mismatch**” is an Excel spreadsheet showing the dwelling units for which the current dwelling status and the latest dwelling history status do not correspond. There are several possible causes for this anomaly. If there are records in this spreadsheet, please contact the Help Desk and provide them with information on the specific dwelling units listed. The HOMES database team will then correct the problems and send notification that the corrections have been made.

*ECP # A2H-A150-512*

- If an onpost facility’s current acquisition category code does not match the latest record in the onpost facility history or does not have an onpost facility history record, then insert a new record with the

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current acquisition category code.

- Update the acquisition category of facilities with privatized dates to the new RCI acquisition category code 31, and insert a new onpost facility history record for the new acquisition category code.

*ECP # A2H-A150-514/514a*

- Insert Sub-RPIC records into the Installation table for all "orphaned" sub-installation values that exist in the Onpost Facility table. Set the Inactive Installation Indicator for the inserted record(s) to true so that they will not be retrieved in the ACA-175 Default Installation selection list. However, the sub-installations will now be visible in the Sub-RPIC field on screens ACA-421 and ACA-435 onpost facility maintenance screens.
- Update invalid sub-RPIC values in the onpost facility table (i.e., values that are the same as the RPIC) to NULL.

*ECP # A2H-A150-519/522*

- Set the future termination indicator to false and the termination reason code to null when effective termination date is null and the future termination indicator is true in Onpost Dwelling Assignment table. This problem was the result of an incomplete update of the Onpost Dwelling Assignment record when a customer's termination was revoked. The bug has been fixed in the application as well.

*ECP # A2H-A150-525*

- Update incorrect NAF and WG Equivalent Pay Grade and Waiting List Classification values in the Pay Grade table, as originally identified by USAREUR and confirmed by the NAF Civilian Personnel Office.
- Correct Current Occupancy data in the Onpost Dwelling table for non-diverted AFH dwelling units with current assignments.
- Correct Current Occupancy data in the Onpost Dwelling History table for open assignments in all cases where the current occupancy category is inconsistent with the actual category recorded in the dwelling record. This will be done by inserting history records with the correct occupancy and housing adequacy codes, along with documentation of the fact that the entry was automatically made as part of the Version 12.02 database upgrade.

*ECP # A2H-A150-529*

- Set the Handicap Type to "M" (Modified) for all onpost dwelling units with a Handicap Equipped Indicator that is set to true. Otherwise, set the Handicap Type to "N" (Non-handicap).

*ECP # A2H-A150-534*

- Populate Inspection Date with a pre-determined date (01-Jan-1900) for all records in the Offpost Dwelling table that do not have an Inspection Date and whose Inspection Indicator is set to 1.

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#### **4. HOMES Version 12.02 Server Installation**

*Before this procedure is started, please verify that no users are accessing the HOMES database. All users should be asked to close the HOMESV12 application on their workstations.*

**The server update should be completed before any workstation updates are performed**

*If there are any questions or concerns regarding any of these, please contact the HOMES help desk for assistance at 703-428-7516 or 1-800-368-1023.*

1. Log on using the **SQLService** account.

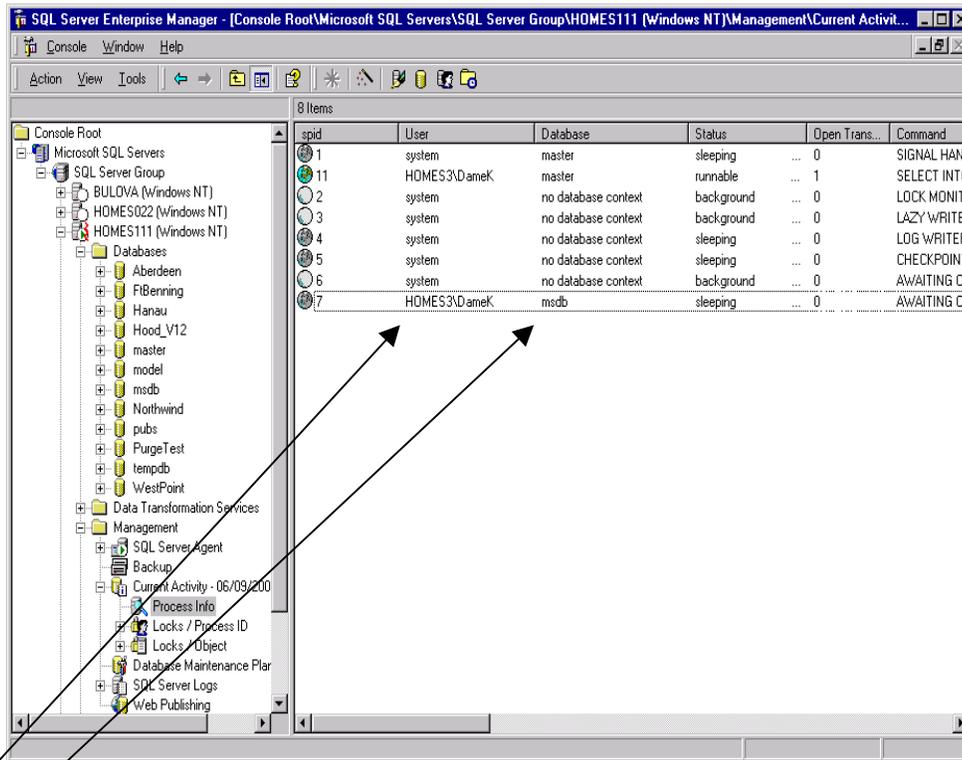
Type “**SQLService**” in the **User Name** field and the password in the **Password** field and click on the **Domain** field to select your server name. Click <ENTER>.

2. Verify that no users are accessing the HOMES database:

- a. Click <START>,<PROGRAMS>,<MICROSOFT SQL SERVER 7.0>,<ENTERPRISE MANAGER>.
- b. Click on <+> next to Microsoft SQL Servers.
- c. Click on <+> next to SQL Server Group.
- d. Click on <+> next to Server, i.e., (name of Fort \_\_\_S001).
- e. Click on <+> next to Management.
- f. Click on <+> next to Current Activity.

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g. Click on Process Info.



h. Are there any users listed in the “User” column other than “SQLService” or “System”? **YES/NO**

i. Is HOMES listed below the “Database” column? **YES/NO**

j. If the answer is **NO** for both steps h and i, then continue with step # 3. Otherwise ask the user(s) to quit the HOMES application before continuing.

3. Once all processes related to HOMES have been cleared, close SQL Server Enterprise Manager.

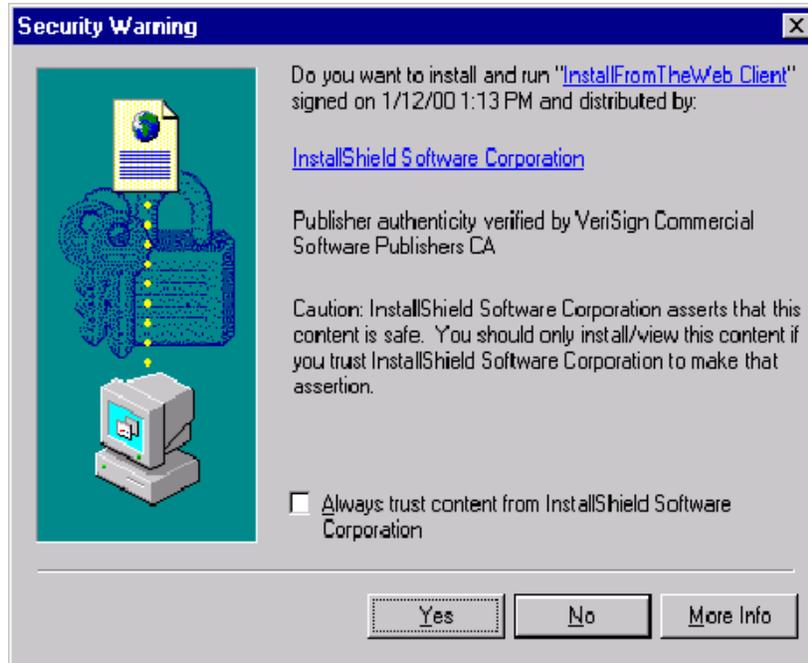
a. Click <**CONSOLE**>.

b. Click <**EXIT**>.

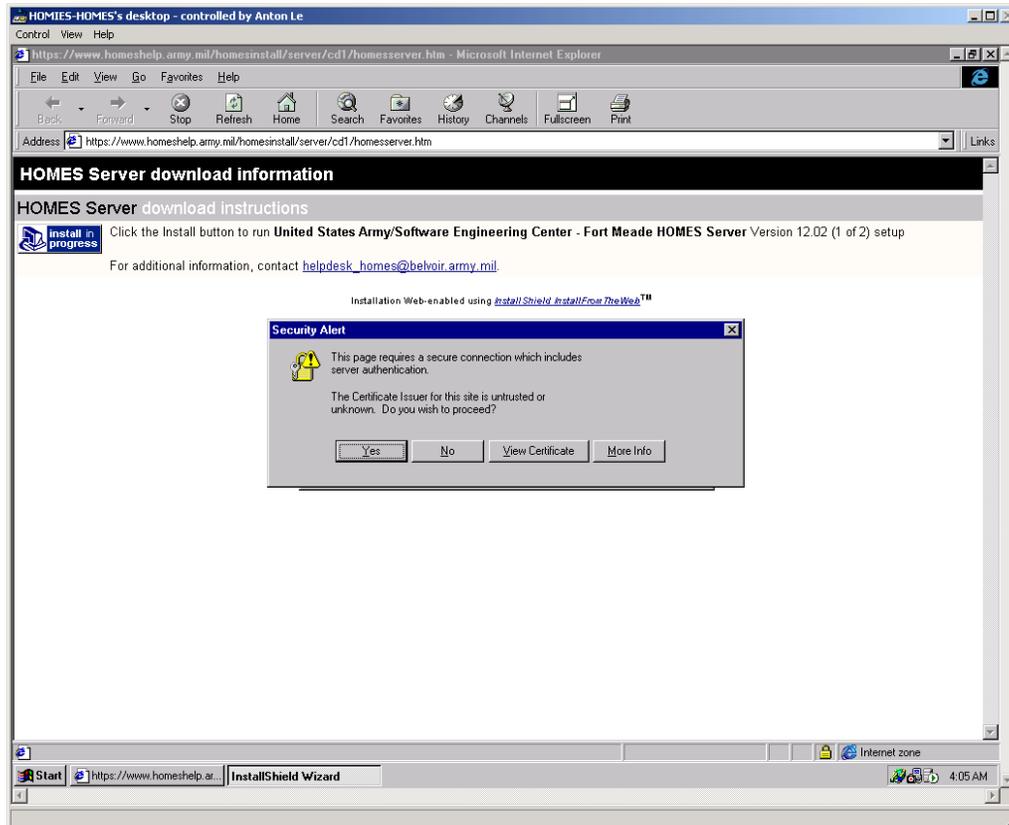
4. Open Internet Explorer.

5. Enter <https://www.homeshelp.army.mil/homesinstall/server/cd1/homesserver.htm> in the **Address** window and press <ENTER>. If the blue icon labeled “InstallShield Wizard” does not immediately appear, the following screen will be displayed. Click Yes and Internet Explorer will download an update to run the setup wizard. Please be patient. This may take several minutes. Note: Do not try to reload, view another webpage, or close Internet Explorer during the install process. If an error occurs, contact the HOMES Help Desk.

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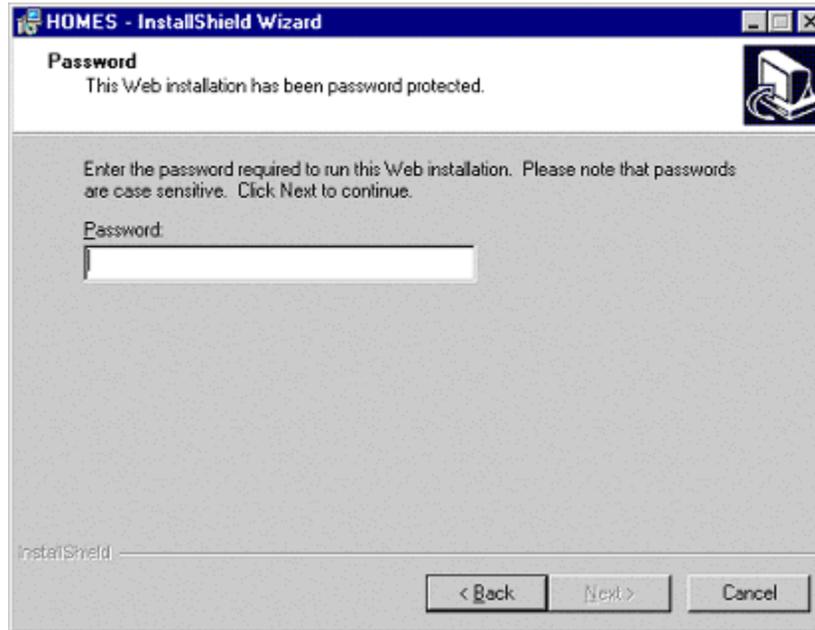


6. Click Yes to receive the certificate.

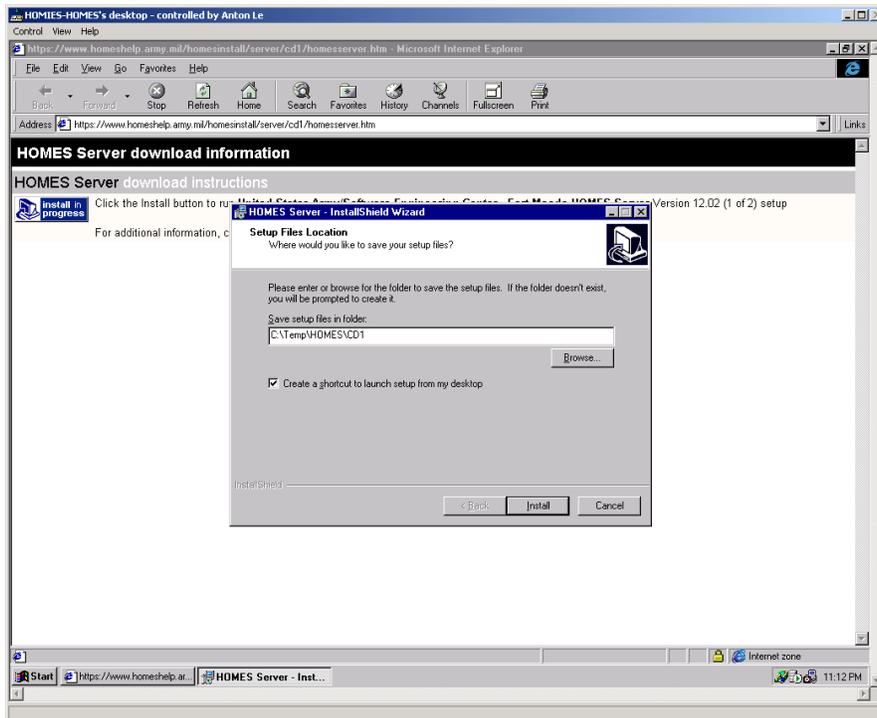


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7. When the Blue Icon labeled “InstallShield Wizard” appears in the top left hand corner of the screen, click the icon one time to start the install process.
8. It’s possible the below screen may appear, if not skip to the next step. Enter the password distributed by the HOMES Help Desk. If a password is needed, please call the help desk at 703-428-7516 or 1-800-368-1023. Click <NEXT>.

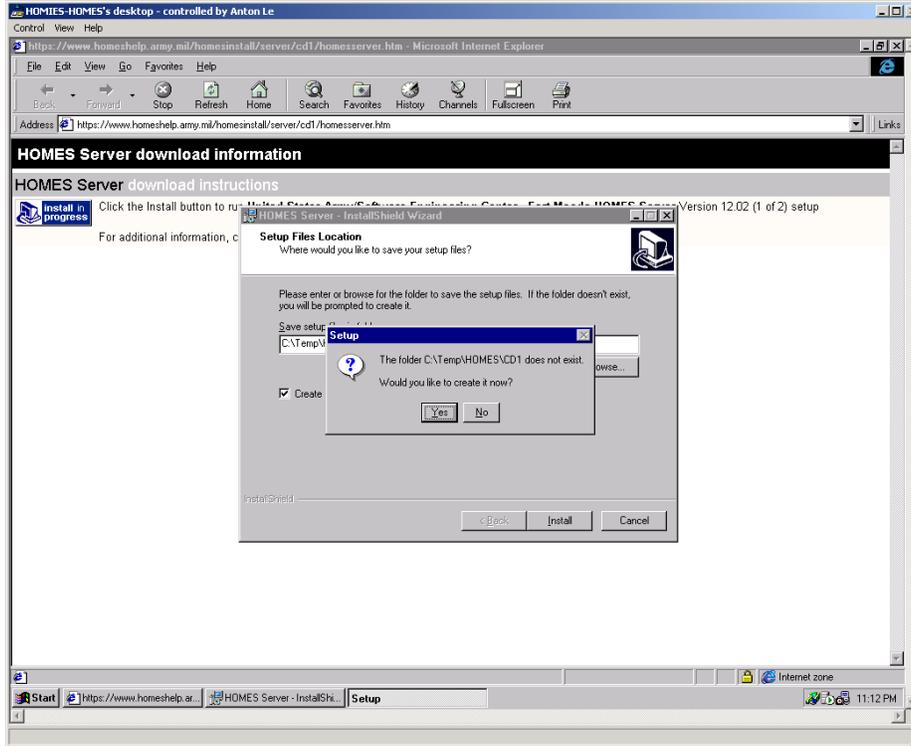


9. On the Setup Files Location screen change the save setup files in folder name to C:\Temp\Homes\Cd1 Click <INSTALL> to continue.

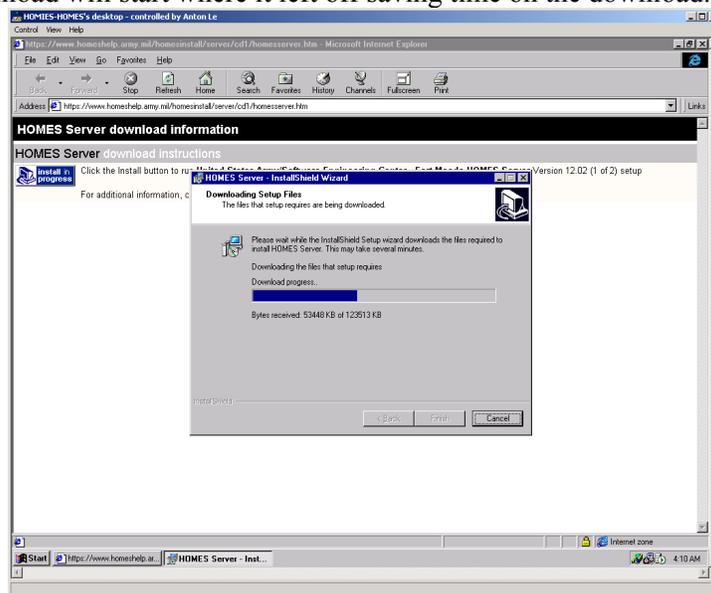


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10. Click <YES> to create the new folder when the message box appears.

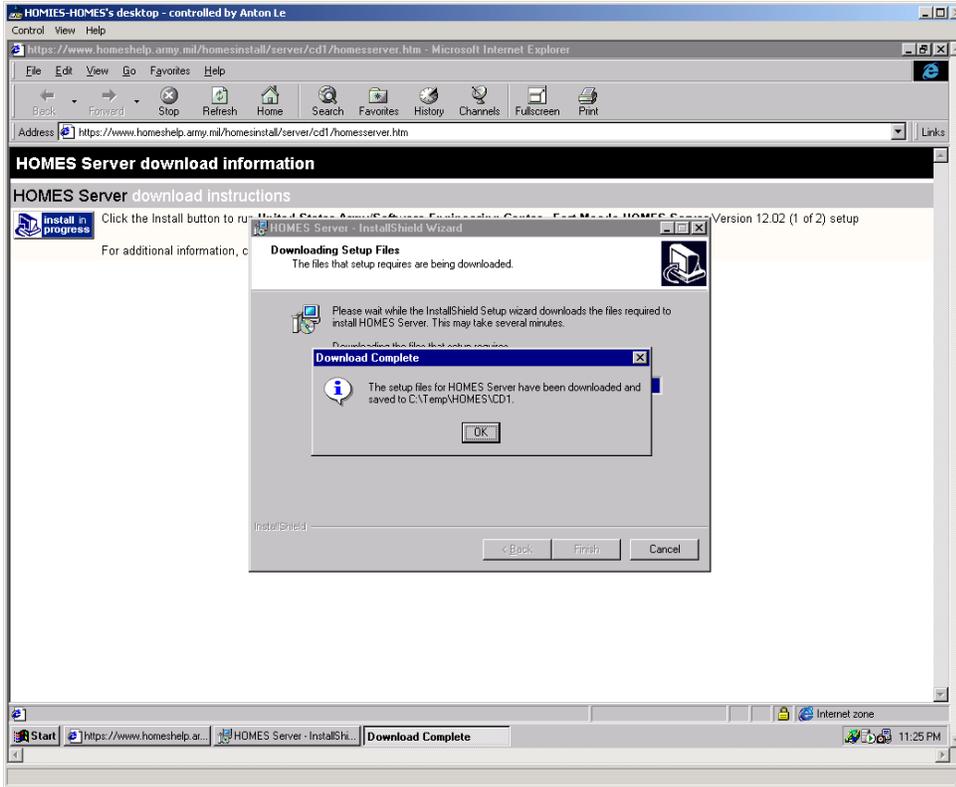


11. Setup will now download all the necessary files (as shown in the screen below). It is normal for this download process to take longer than 30 minutes. Please be patient. If the Internet connection is lost in the middle of the download, go to step five and start over. If the same location is chosen to install the files, the download will start where it left off saving time on the download.

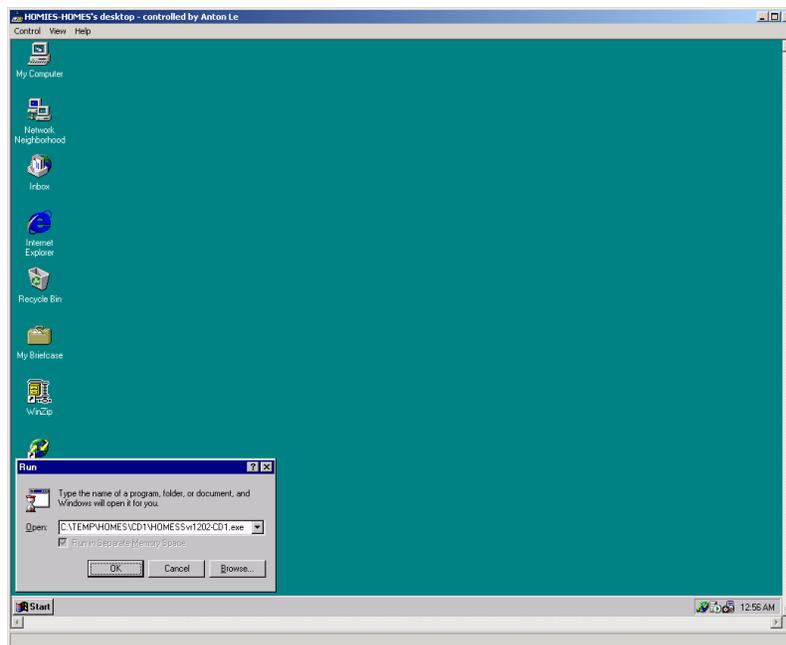


12. Click <OK> on the **Download Complete** message.

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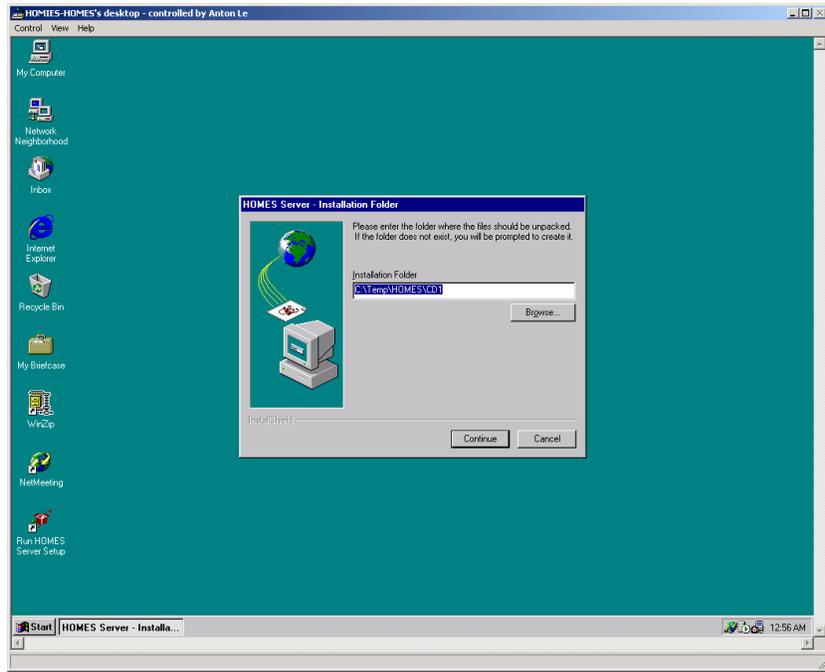


13. Close Internet Explorer.
14. Click <START>, <RUN>.
15. Enter C:\Temp\HOMES\CD1\HomesSvr1202-CD1.exe

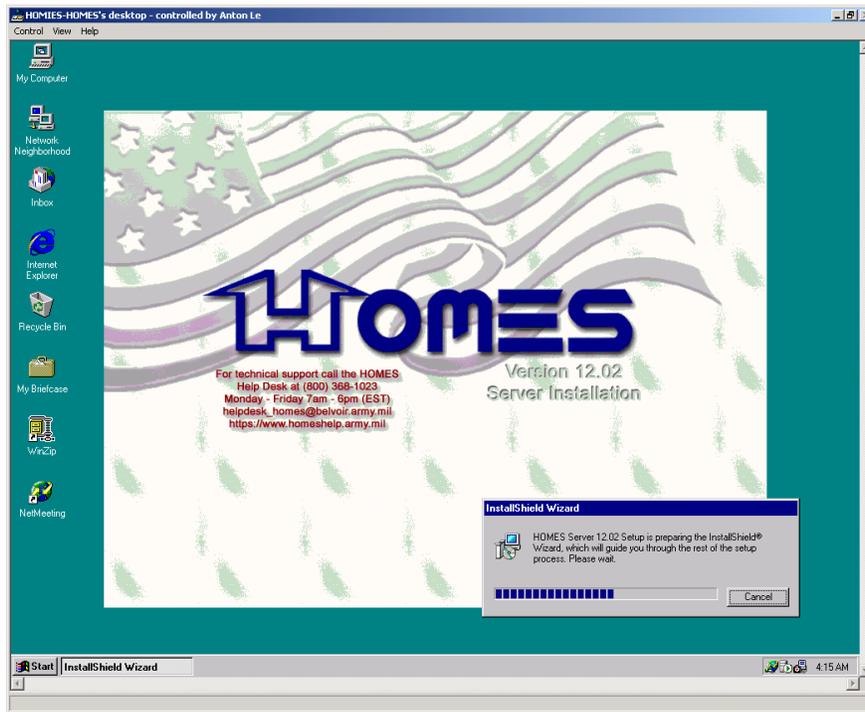


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16. Accept the default Installation Folder by clicking on **Continue** in the screen below.

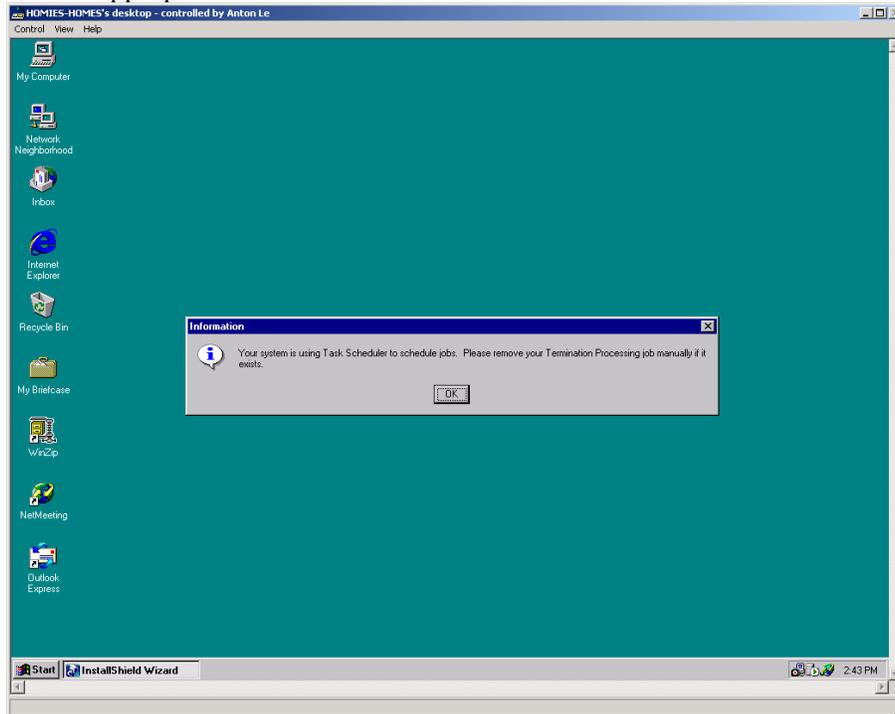


17. The server installation begins as shown in the screen below.



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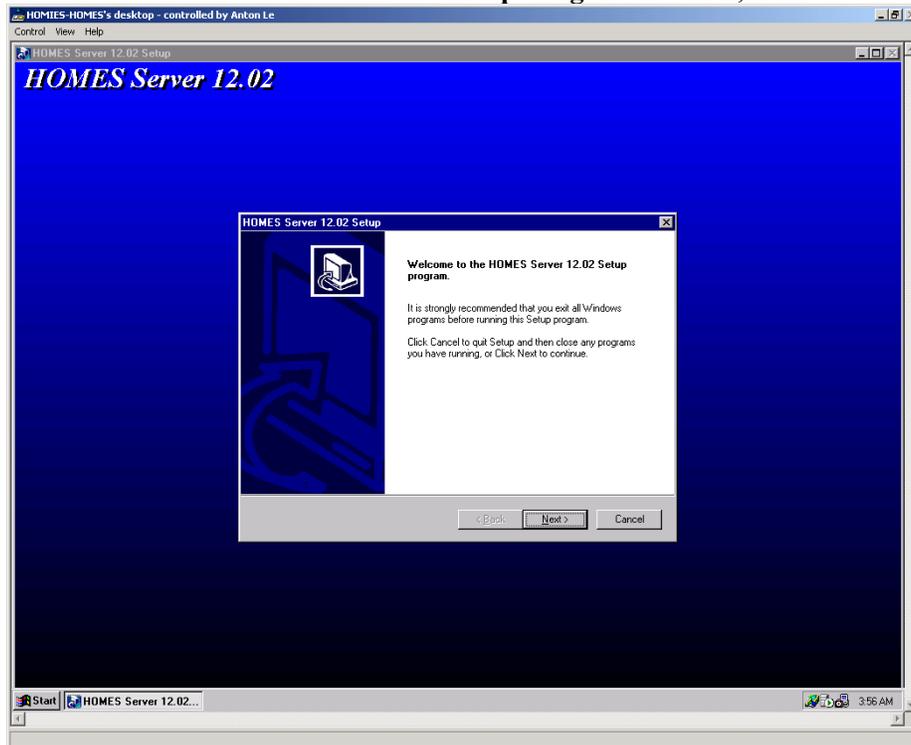
18. If Internet Explorer 5.0 or above has been installed on the HOMES server, then the following screen will appear. If Internet Explorer 4.0 is installed on the HOMES server, then this message will not appear. Mark the appropriate check box below the screen shot for later use. Click Ok.



Message appeared

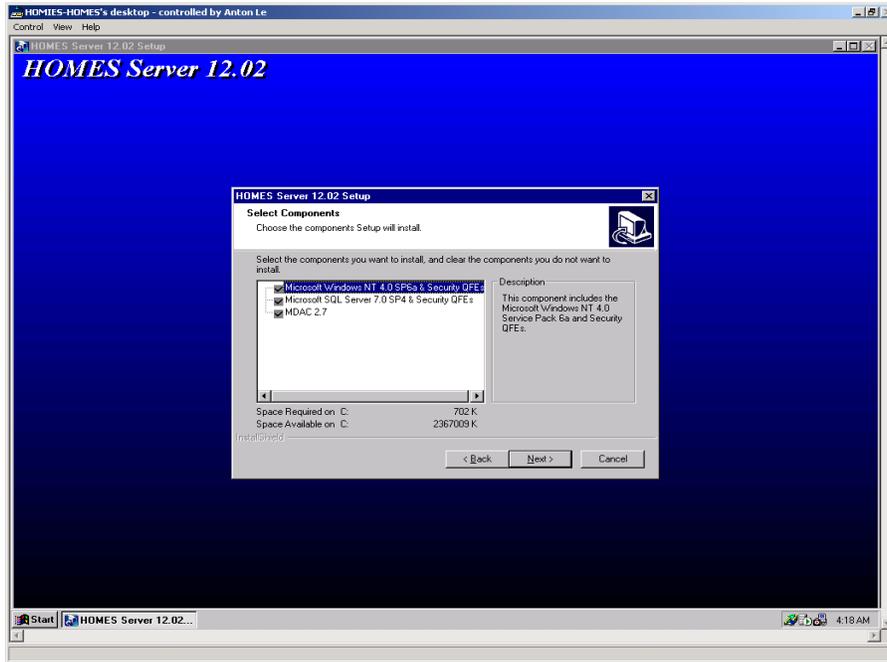
Message did not appear

19. In the **Welcome to the HOMES Server 12.02 Setup Program** window, click **<NEXT>**.

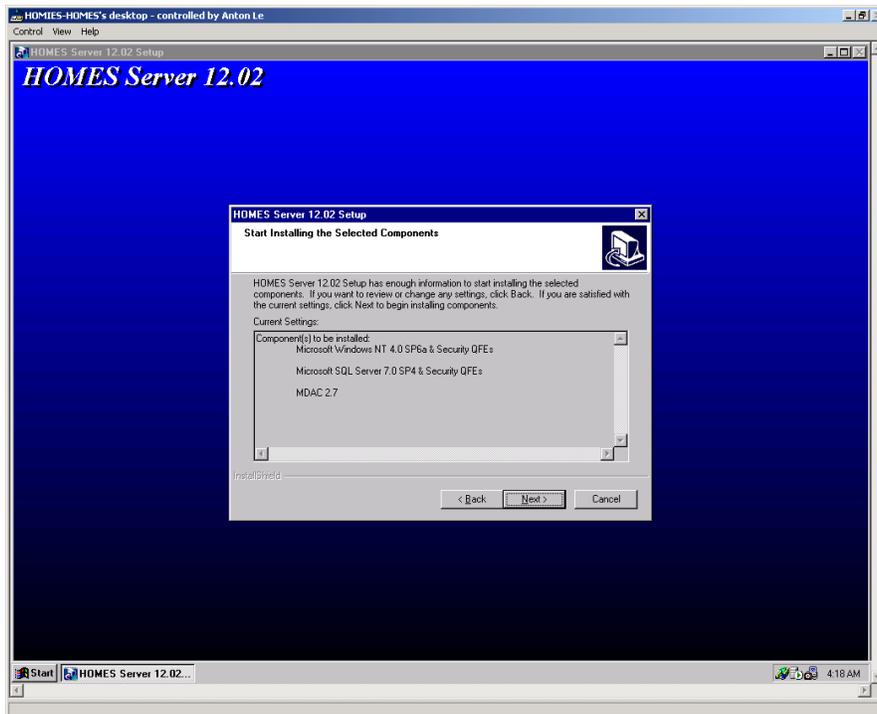


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20. Click <NEXT> on the **Select Components** window. *Note: Windows NT 4.0 Service Pack & Patches, Microsoft SQL Server Service Pack and Patches, and MDAC 2.7 are required components and cannot be unchecked.*



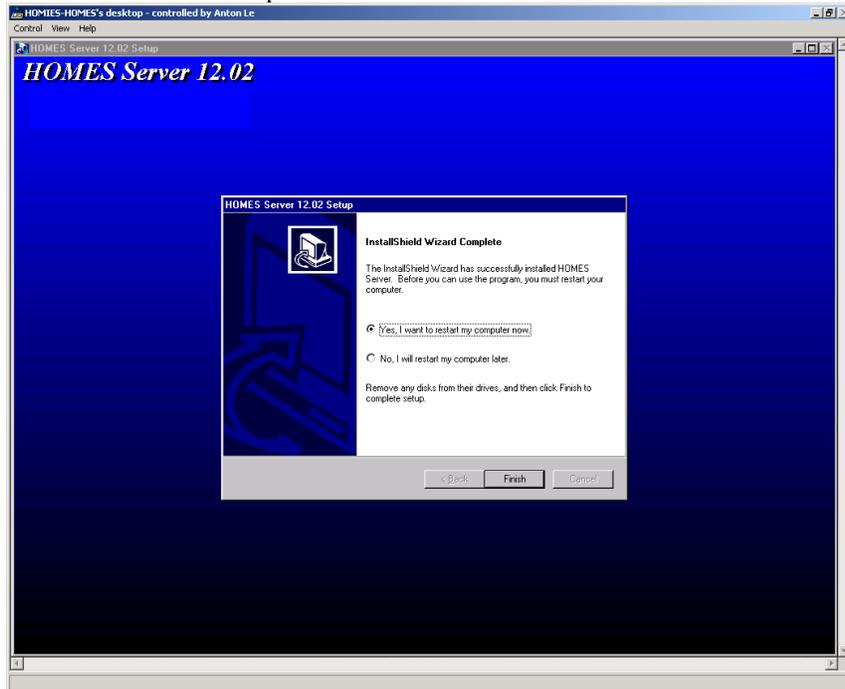
21. Click <NEXT> on the **Start Installing the Selected Components**.



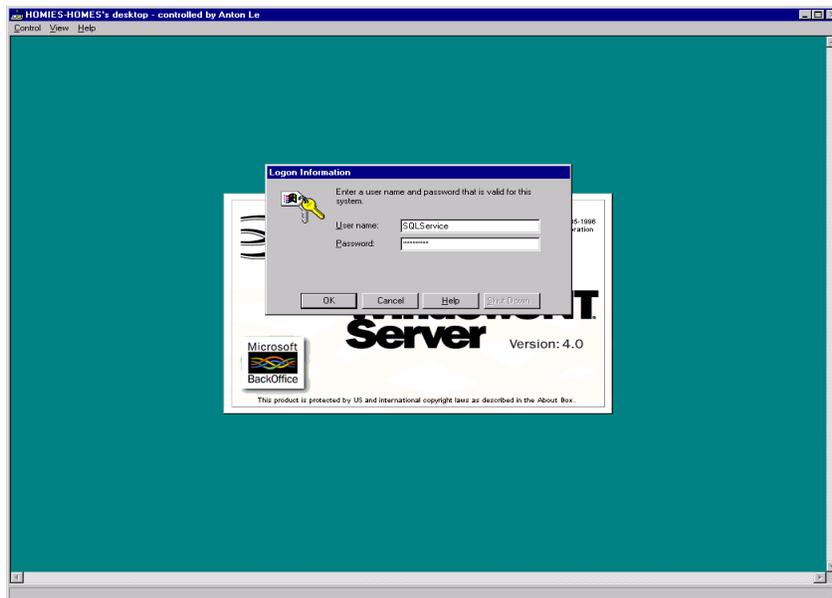
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22. Allow the program to install all of the program files. *Do not try to cancel the install program or close any of the screens until the install process is completed.* This may take over 20 minutes. Please be patient.

23. At the end, if prompted, select the "Yes, I want to restart my computer now" option button and click <FINISH> to restart the computer.



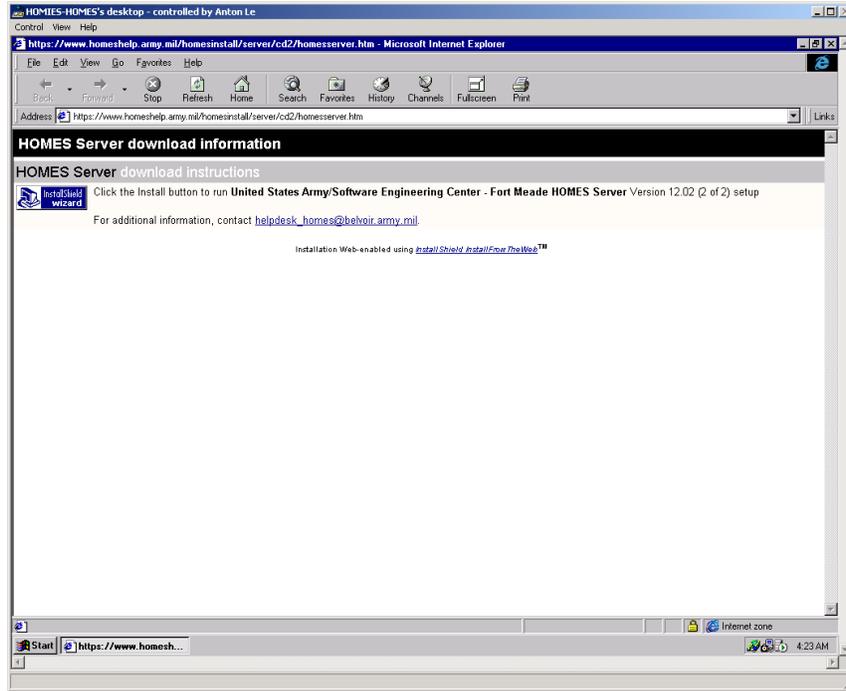
25. After the system restarts, log back on as "Sqlservice" as shown below.



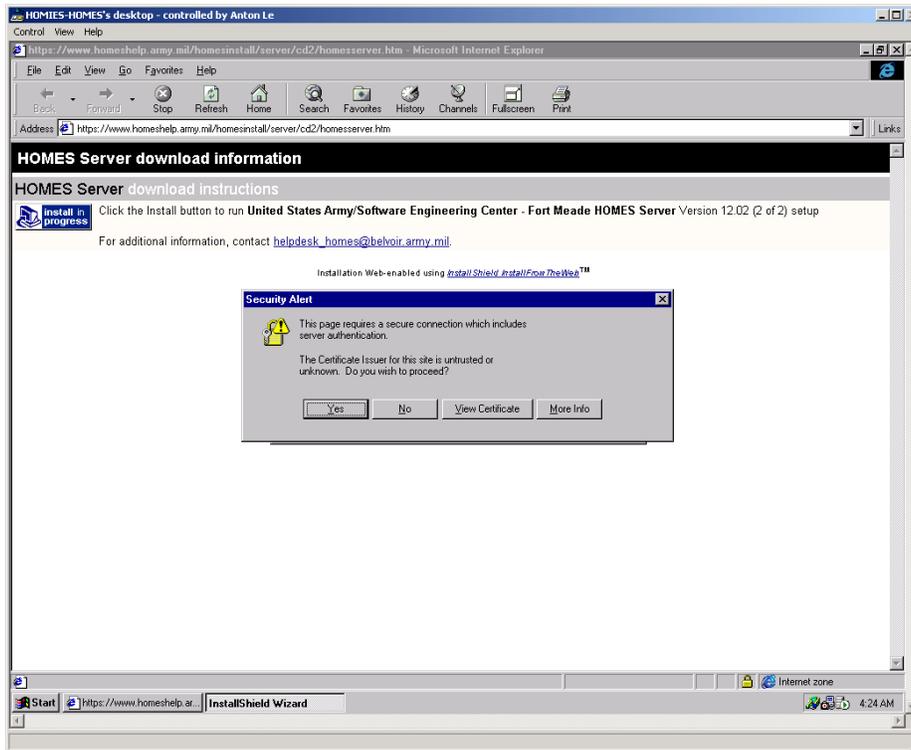
26. Open Internet Explorer.

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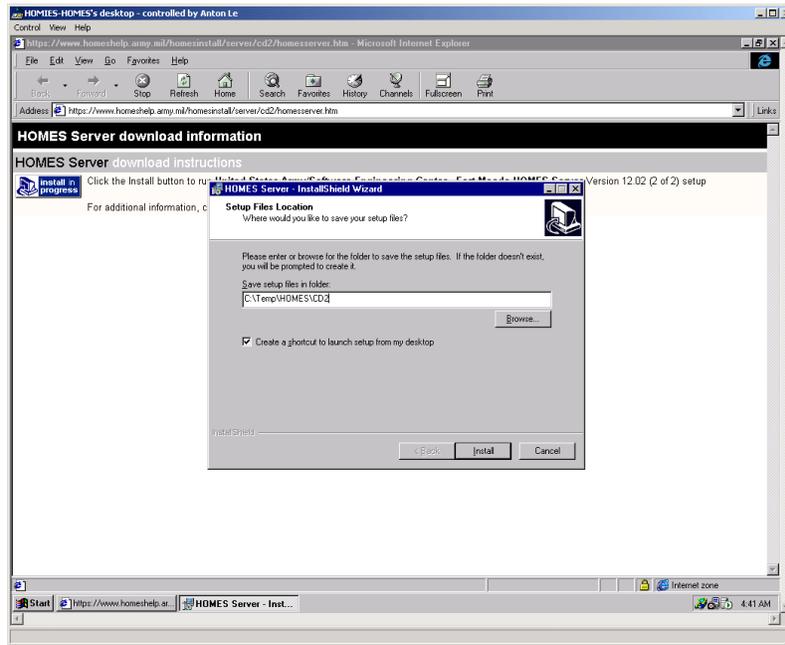
27. Enter <https://www.homeshelp.army.mil/homesinstall/server/cd2/homesserver.htm> in the Address window and press <ENTER>.



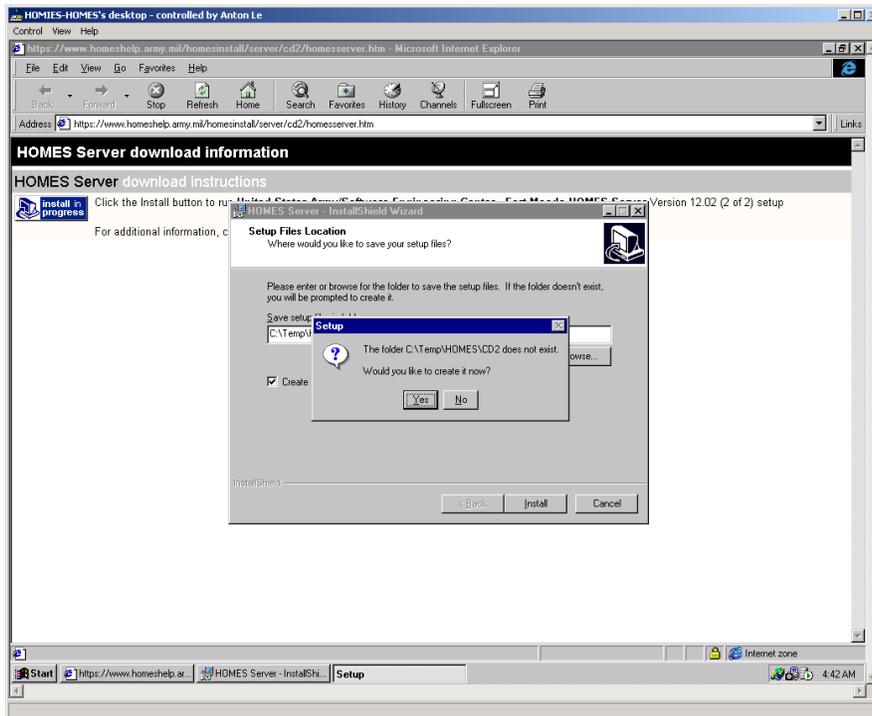
28. Click Yes to receive the certificate.



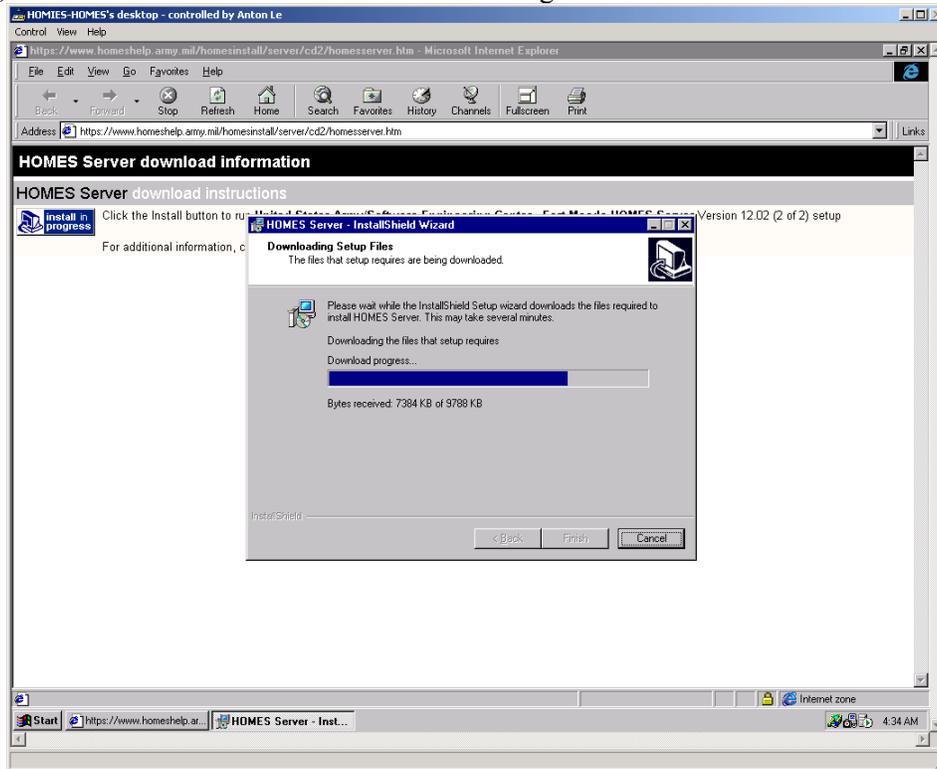
29. When the Blue Icon labeled “InstallShield Wizard” appears, click the icon one time to start the install process.
30. On the **Setup Files Location** screen change the Save setup files in folder name to C:\Temp\Homes\CD2. Click <INSTALL> to continue.



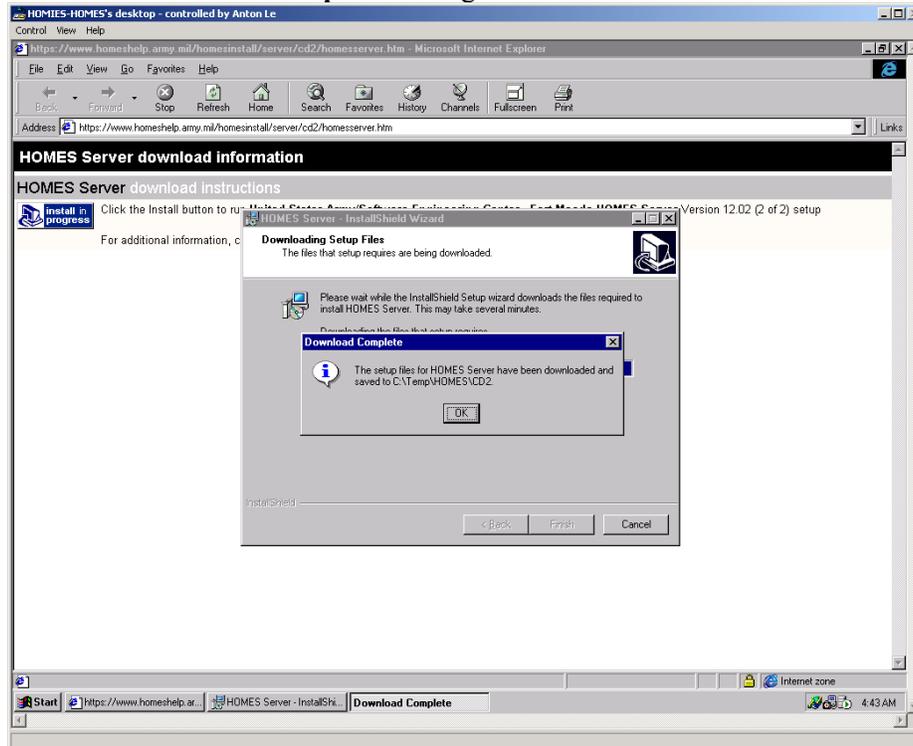
31. Click <YES> to create the new folder when the message box appears.



32. Setup will now download all the necessary files (as shown in the screen below). It is normal for this download process to take longer than 10 minutes. Please be patient. If the Internet connection is lost in the middle of the download, go to step five and start over. If the same location is chosen to install the files, the download will start where it left off saving time on the download.

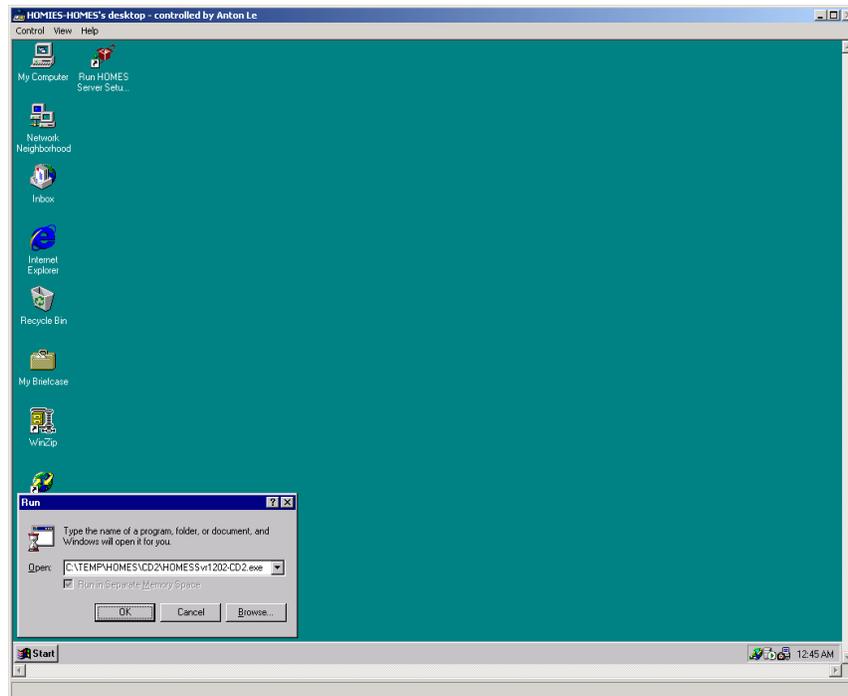


33. Click <OK> on the Download Complete message.



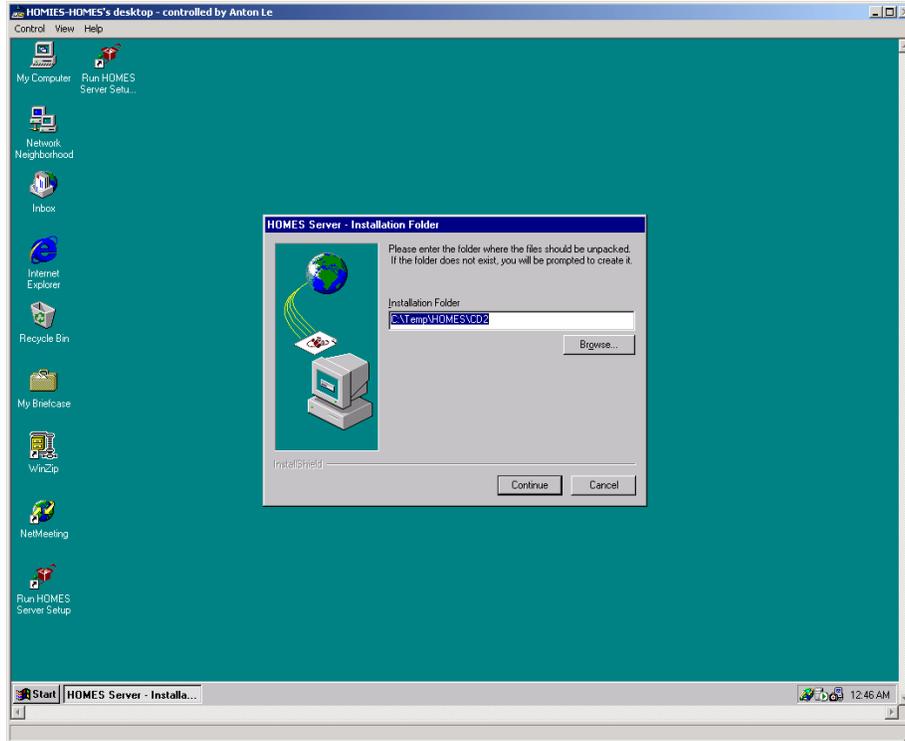
**AISM-25-A2H-A57-ZZZ-SVD**  
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34. Close Internet Explorer.
35. Click <START>, <RUN>.
36. Enter C:\Temp\HOMES\CD2\HomesSvr1202-CD2.exe

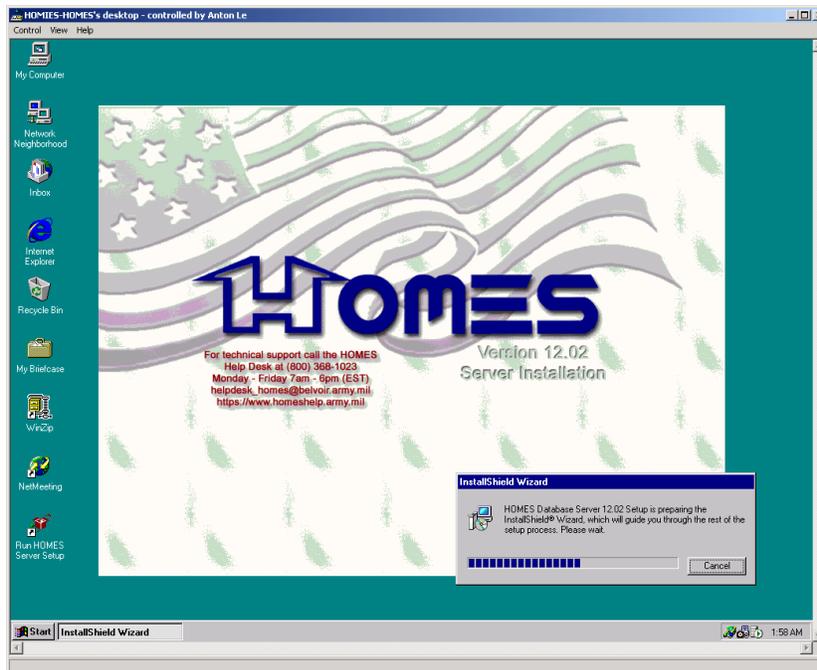


37. Accept the default Installation Folder by clicking on **Continue** in the screen below.

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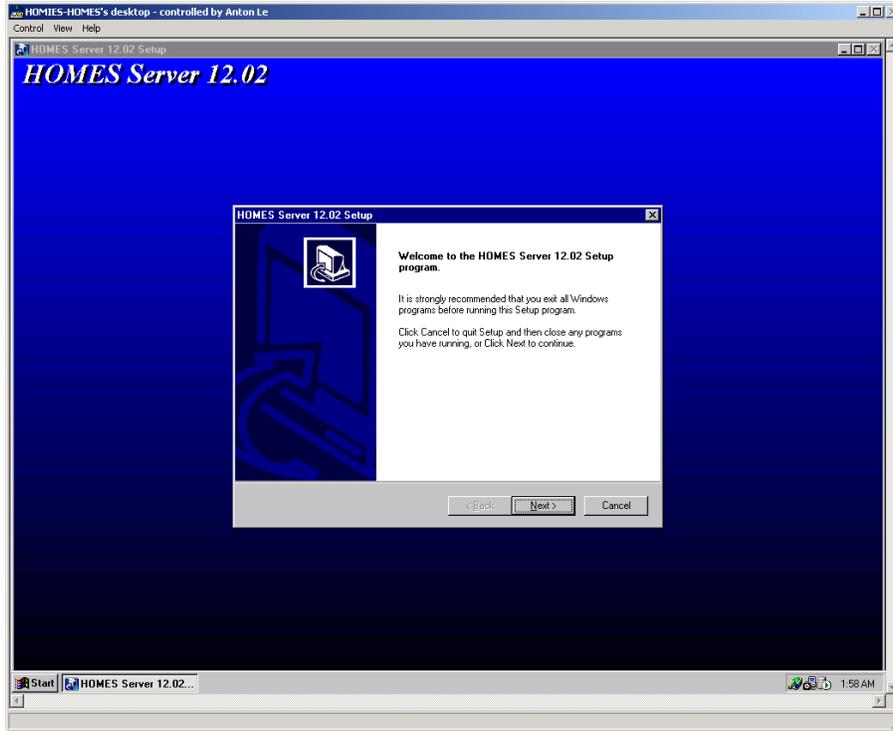


38. The database server installation begins as shown in the screen below.

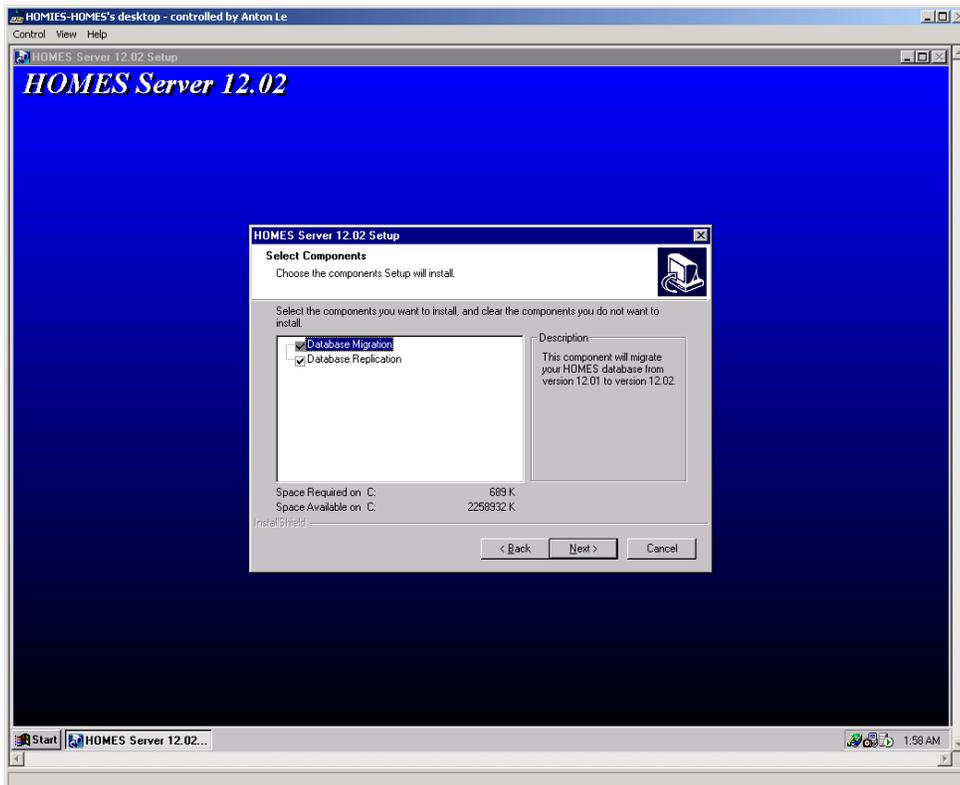


39. In the **Welcome to the Server Setup Program for HOMES Server Version 12.02** window, click **<NEXT>**.

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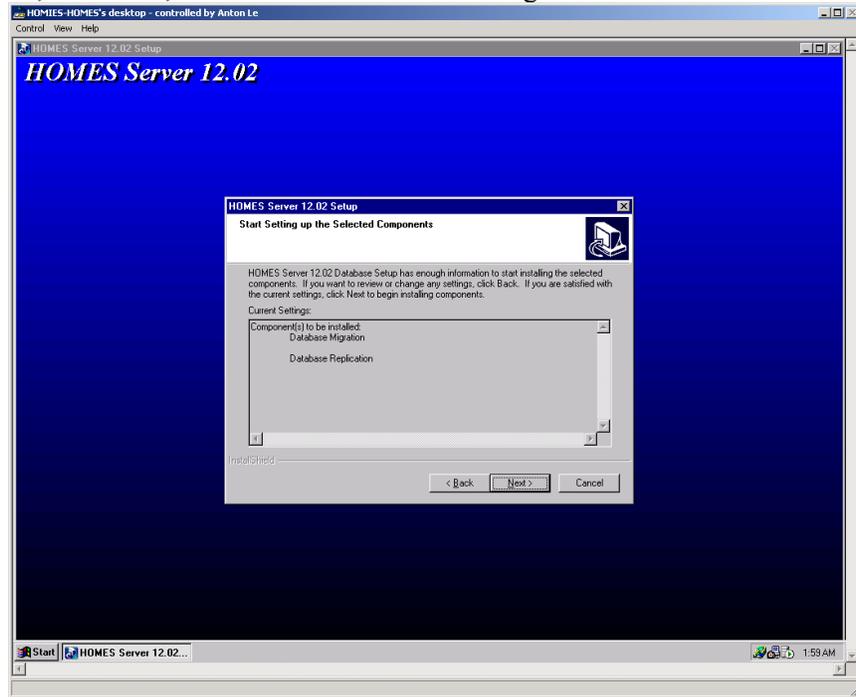


40. In the **Select Components** window, Database Migration and Database Replication components are selected by default. Click **<NEXT>**.

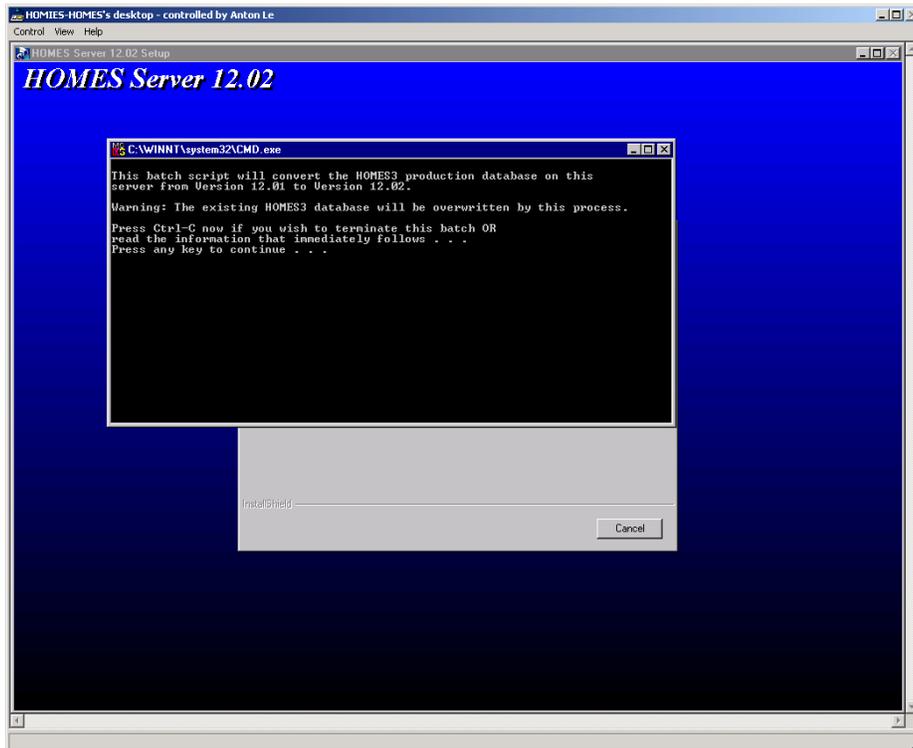


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41. In the **Start Setting Up The Selected Components** window, a list of selected components will be shown. Review this list, if everything is correct click **<NEXT>** to start copying and installing files onto the server; otherwise, click **<BACK>** to make changes.

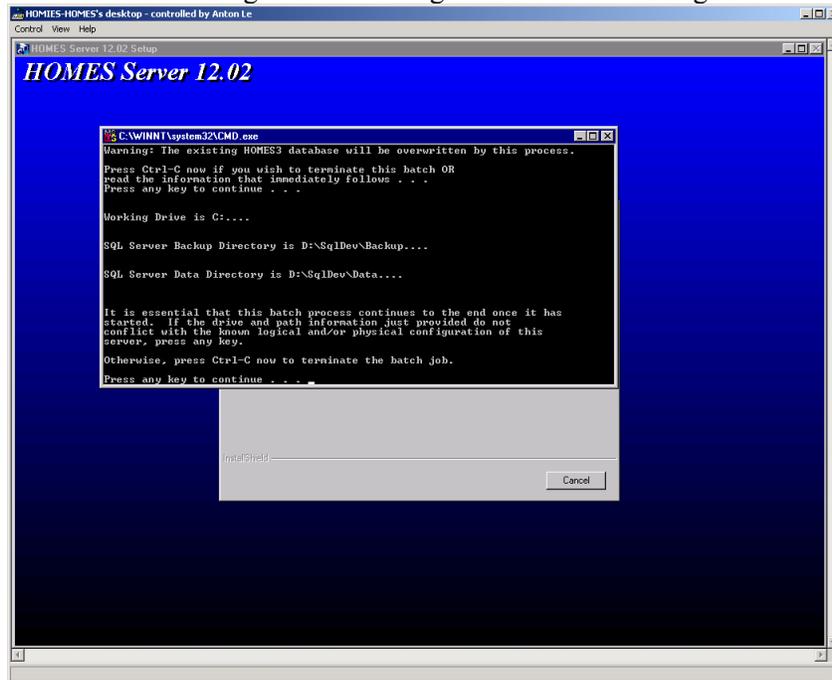


42. The Database Migration is started. Read the screen below and press any key to continue.

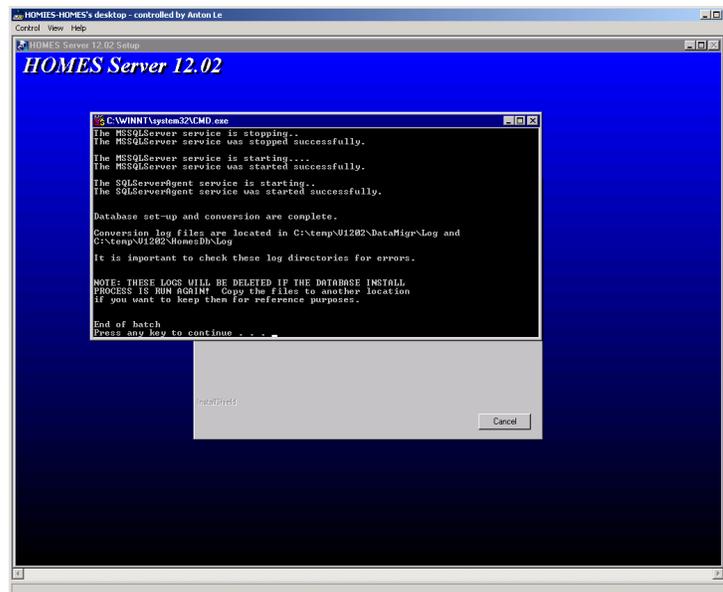


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- a. Press <ENTER> after reading and confirming this on-screen message

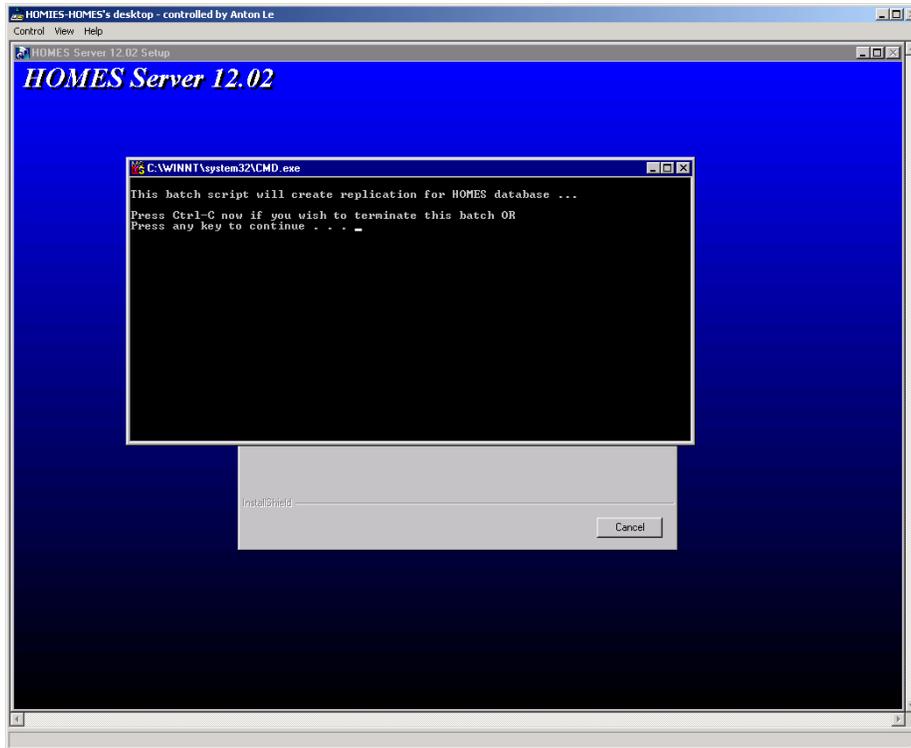


- b. After the batch scripts have completed, a message will appear stating that the “Database migration is complete”. Press any key to continue.

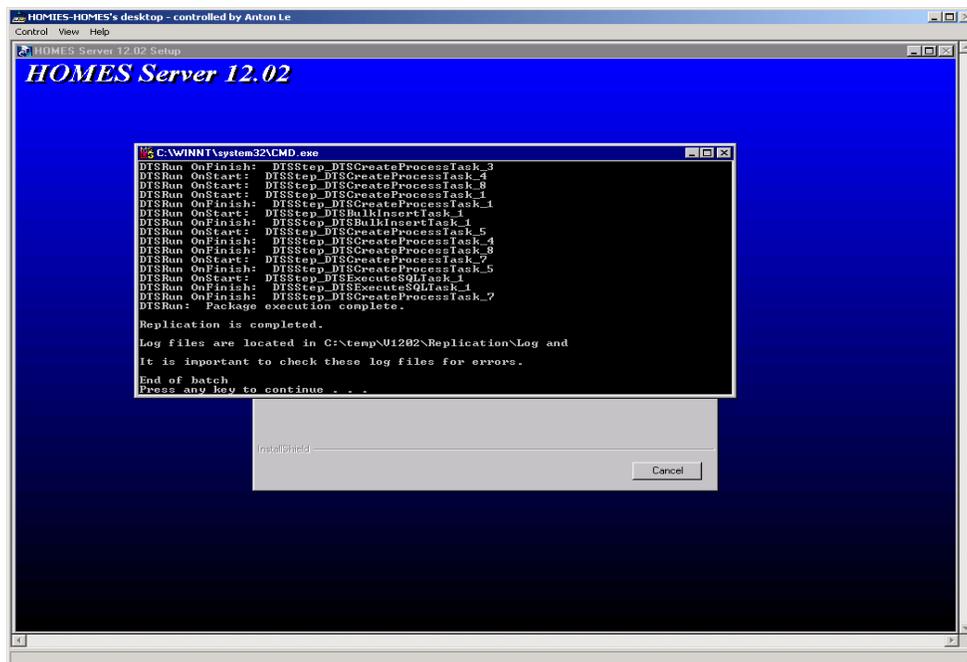


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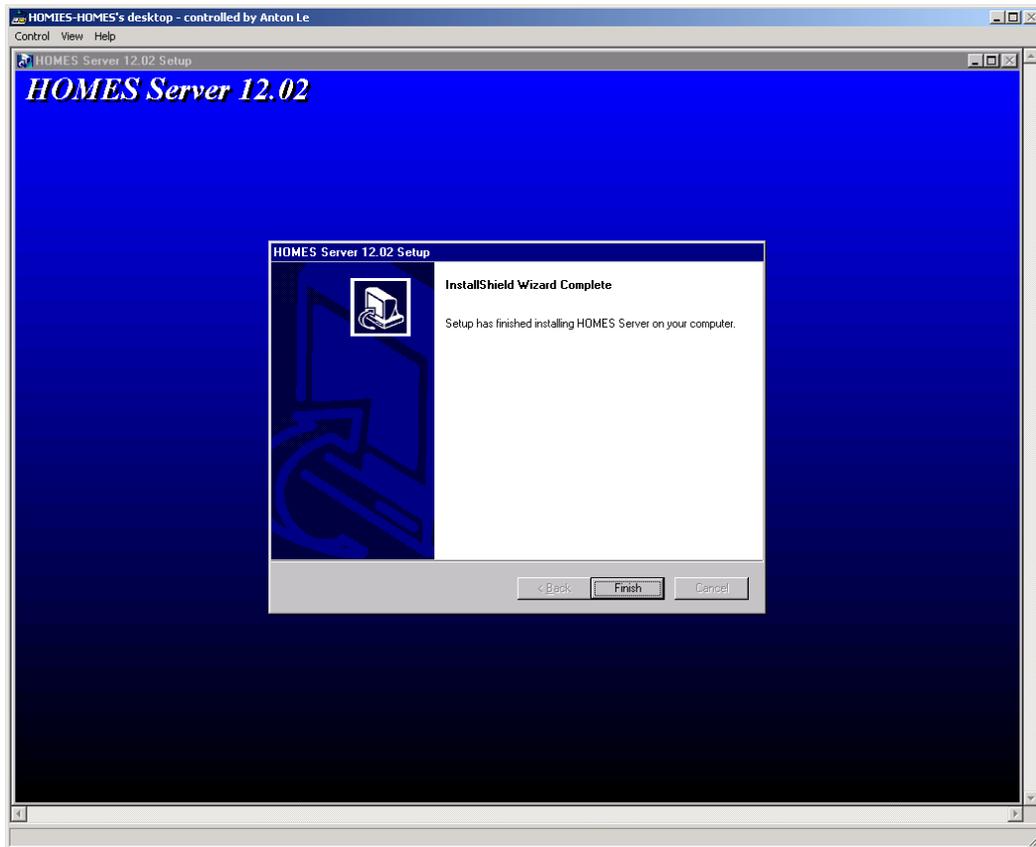
43. If the “Database Replication Update” component was selected, the following window will appear.
- Press <ENTER> after reading and confirming the respective on-screen messages.



- After the batch scripts have completed, a message will appear stating that the “Replication is completed”. Press any key to continue.



- c. Click <FINISH> on the InstallShield Wizard Complete Screen.



44. At this point, check the data conversion log files in **C:\temp\v1202\datamigr\log\** and **C:\temp\v1202\homesdb\log\** for any error messages (these files can be viewed in Notepad or any other text editor).
- Datamigr\log** should contain seven text files and one Excel file "507-508". Open each text file and read the first line. It should say, **“The execution of the following DTS package succeeded:”** and then list the name of the file on the next line.
  - In addition to checking the text files, open the 507-508 file in Excel. Note: This file will need to be copied to a floppy disk and opened on a computer that has Microsoft Excel loaded. The Spreadsheet will be generated to show the following tabs:
    - Assignments Inserted
    - Terminations Inserted
    - Revocations Deleted
    - Assignment Anomalies
    - Termination Anomalies
    - Revocation Anomalies
    - Status Mismatch

The spreadsheet **“Assignments Inserted”** is an Excel spreadsheet showing the assignment

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records that were restored on the applicable Status History tab. Below is an example of what the spreadsheet looks like.

Assignments\_Inserted

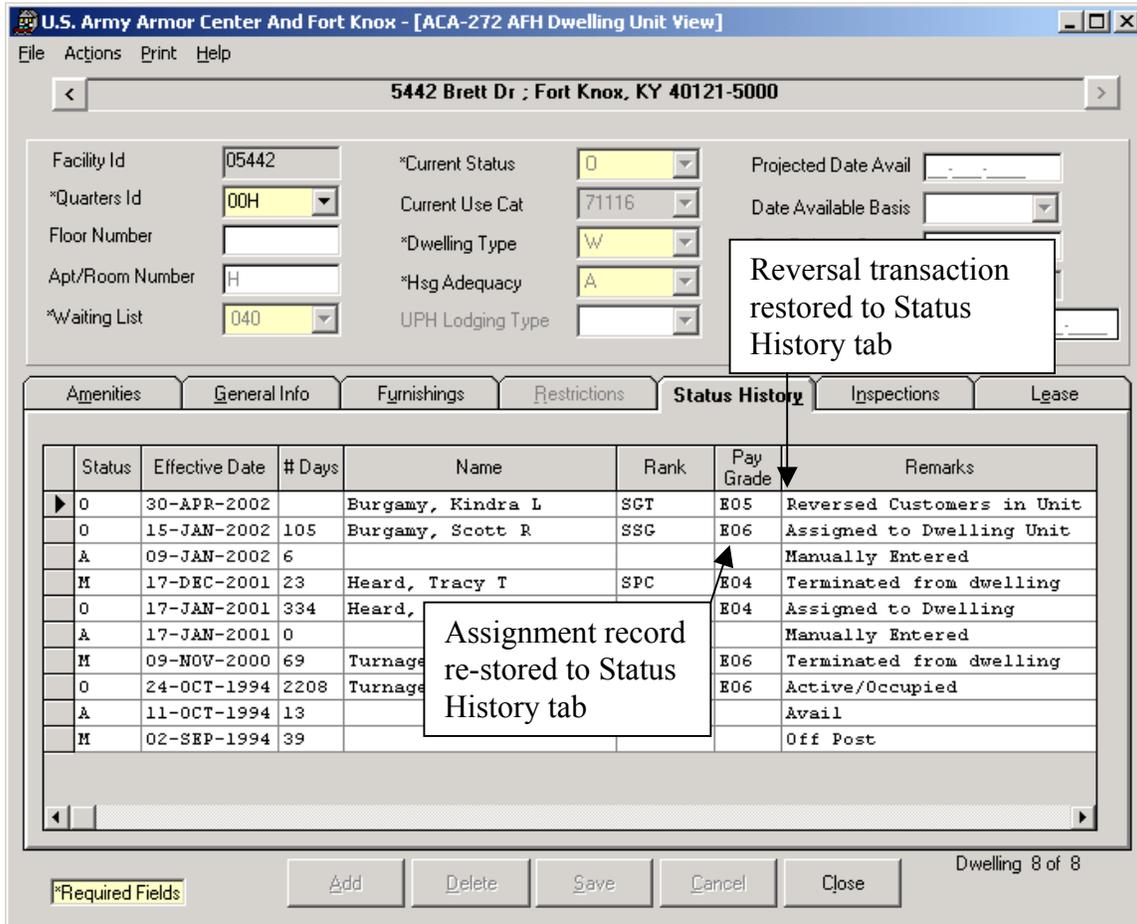
RPIC	Cd	Hsg	DU Id	Qtrs Id	Stat	C Id	Assigned	Terminated	Prim	MS	Customer Name	A Id
A21405	A1	F	4018	09033-00H	O	1004742	Dec 1 2001		True	M	Albrecht, Kevin	1004540
A21405	A2	F	2447	05442-00H	O	1003224	Jan 15 2002		False	SM	Burgamy, Scott	1004810
A21405	A2	F	3279	05850-00D	O	1002608	Oct 18 2000	Sep 17 2001	True	M	Turner, Fay	1002484
A21405	A2	F	3875	07874-00B	O	17173	Jul 27 1999	Mar 27 2002	True	M	Hartley, Adolph	1000069
A21405	Ax	F	2447	05442-00H	O	1003225	Apr 30 2002		True	SM	Burgamy, Kindra	1004811
A21405	A3	U	100291	2815-207	O	1004298	Jul 10 2001		True	B	Chacon, Michelle	1003954
A21405	A3	U	100291	2815-207	O	1002791	Jul 11 2001		True	B	Mora, Shaun	1005244

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An example of restored AFH Status History records follows.



**NOTE:** The above screen example shows an assignment record restored to the Status History tab as well as a reversal transaction. Use the spreadsheets and go to the applicable dwelling units to see that the applicable records were restored. For records restored, you will see the word “Unit” at the end of the text description to help distinguish normal transaction records from those restored.

The spreadsheet “**Terminations Inserted**” is an Excel spreadsheet showing the termination records that were restored on the applicable Status History tab. The record inserted on the Status History tab reads, “**Terminated from dwelling unit**”.

The spreadsheet “**Revocations Deleted**” is an Excel spreadsheet showing the revocation records that were deleted from the database.

The spreadsheet “**Assignment Anomalies**” is an Excel spreadsheet showing assignment history records that could not be reconciled with other data associated to the status history of a particular dwelling unit or which involve an assignment date prior to the version 11.00 migration date for the site in question. What follows is an example of what the spreadsheet looks like.

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RPIC	Cd	Hsg	DU Id	Qtrs Id	Stat	C Id	Assigned	Terminated	Prim	MS	Customer Name	A Id
A21405	A1	F	228	04086-000	O	449	Mar 28 1985	May 12 2000	True	M	Curtis, James	330
A21405	A1	F	1422	04907-00B	T	2717	Mar 26 1992	Aug 20 1999	True	M	Hamilton, Jose	1378
A21405	A1	F	1854	05326-00G	O	3744	Dec 4 1991	May 22 2000	True	M	Russell, Kevin	2135
A21405	A1	F	2074	05358-00G	O	1411	Feb 24 1992	Jul 22 1999	True	M	Gibbs, Neal	2515
A21405	A1	F	2112	05366-00A	O	4002	Feb 18 1992	Dec 29 2000	True	M	Pettaway, Willie	2584
A21405	A1	F	2976	05650-00C	O	3487	Dec 19 1991	Feb 8 2000	True	M	King, Warren	4055
A21405	A1	F	4295	09128-00A	O	3932	Aug 28 1991	Sep 9 1999	True	M	Baker, Ivery	6263
A21405	A2	F	1528	04942-00B	O	1000265	Sep 29 1999	Aug 7 2000	True	SM	Shakir, Waliyyud-De	1001541
A21405	Ax	F	2151	05371-00D	O	1001823	Jul 14 2000		True	SM	Woodert, Angeliqne	1001976
A21405	Ax	F	4256	09116-00B	O	1004531	Oct 9 2001		True	M	Hildenbrandt, Michae	1004352

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The spreadsheet “**Termination Anomalies**” is an Excel spreadsheet showing termination history records that could not be reconciled with other data associated to the status history of a particular dwelling unit or which involve an assignment date prior to the version 11.00 migration date for the site in question.

The spreadsheet “**Revocation Anomalies**” is an Excel spreadsheet showing revocation history records not deleted from the status history of a particular dwelling unit because they could not be connected with a record for the revoke transaction (assignment or termination) being revoked.

The spreadsheet “**Status Mismatch**” is an Excel spreadsheet showing the dwelling units for which the current dwelling status and the latest dwelling history status do not correspond. There are several possible causes for this anomaly. If there are records in this spreadsheet, please contact the Help Desk and provide them with information on the specific dwelling units listed. The HOMES database team will then correct the problems and send notification that the corrections have been made.

- c. **Homesdb\log** should contain 17 files with a **.log** extension.
- **BackupV1201.log** and **BackupV1202.log** should both contain the statement “**The backup set is valid.**”
  - **CreateJobs.log** should say “**(1 or 0 row(s) affected)**”.
  - **Drop\_Homes\_Replication.log** contents can be ignored.

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- **HomesConstraints.log** should contain **“Default bound to column.”** four times.
- d. **If any errors occurred, i.e. the log file indicates that the execution of the package failed, please call the HOMES help desk to resolve the problem.**
- e. **Note that if the database migration is run again, the log files will be overwritten. They should therefore be copied to another location if you wish to preserve them for future reference.**

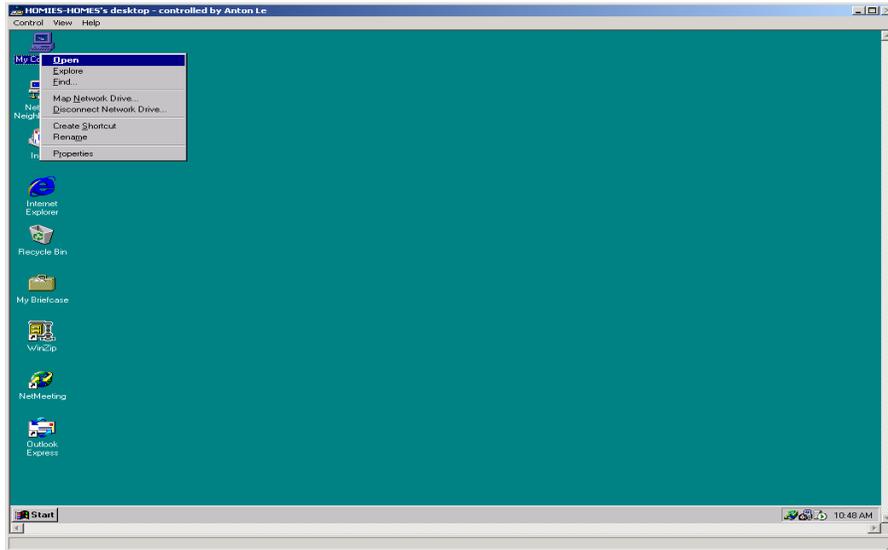
**NOTE:** Under **NO** circumstances, should the database migration be run again without contacting the HOMES Help Desk.

45. If the **“Replication Update”** component was selected, check the replication log file in **C:\temp\v1202\replication\log\**. This file can be viewed in Notepad or any other text editor. The first line of this file should say, **“The execution of the following DTS package succeeded.”** If any errors occurred, please contact the HOMES help desk to resolve the problem.

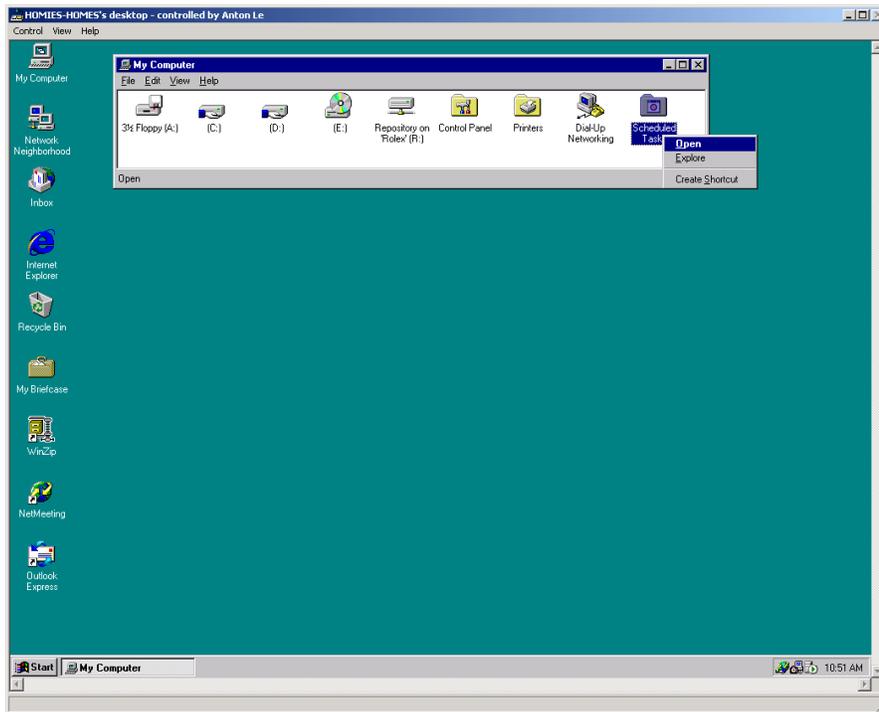
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Refer back to page 4-8. If the check box **Message appears** is checked, then follow the instructions below. If the check box **Message does not appear** is checked, then ignore the following steps.

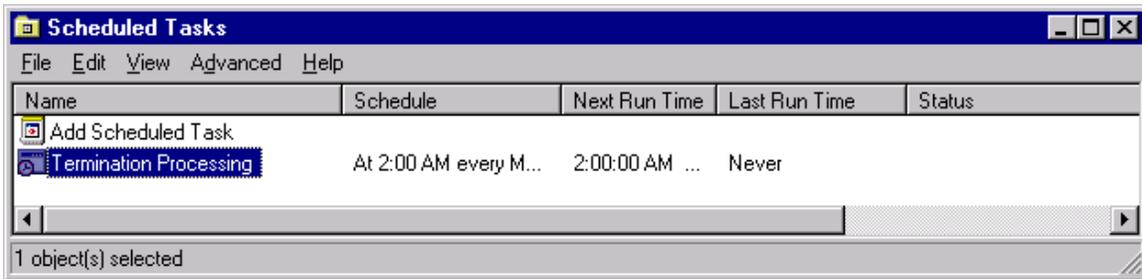
1. Right click on the My Computer icon and choose **Open** from the displayed menu.



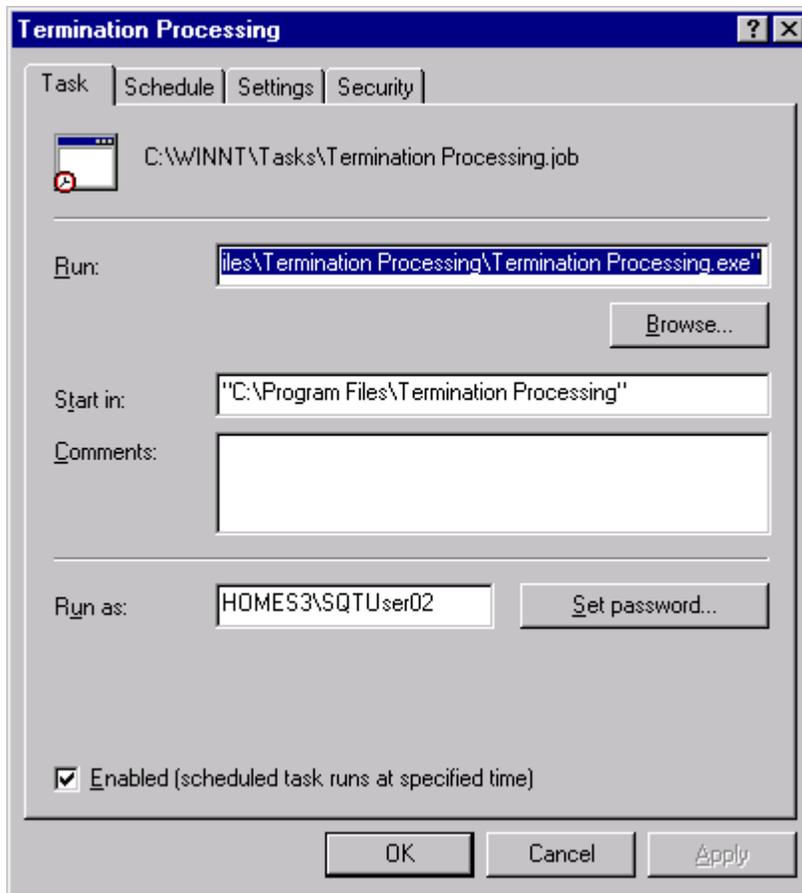
2. The My Computer window will appear. Right click on “Scheduled Tasks” and choose Open.



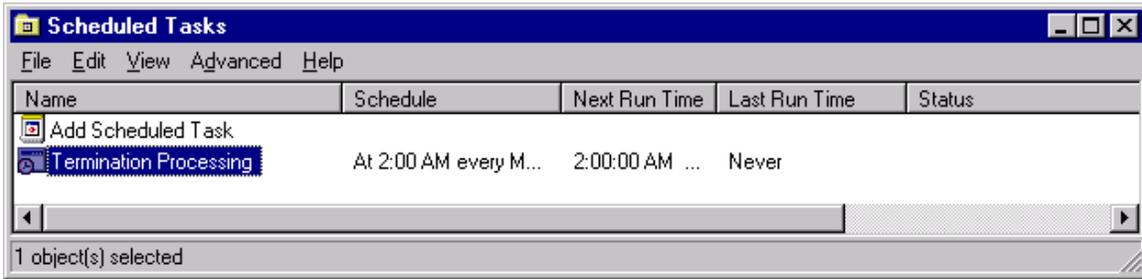
3. The Scheduled Tasks window will appear.



4. Double click on each scheduled task. *Note: Not every termination job will be named Termination Processing. Some termination processing jobs may be named ATI or something different. The HOMES termination processing job will have "C:\Program Files\Termination Processing\Termination Processing.exe" in the Run text box. If this does not appear in the Run box, then click <Cancel> and double click on the next job in the Scheduled Tasks list.*



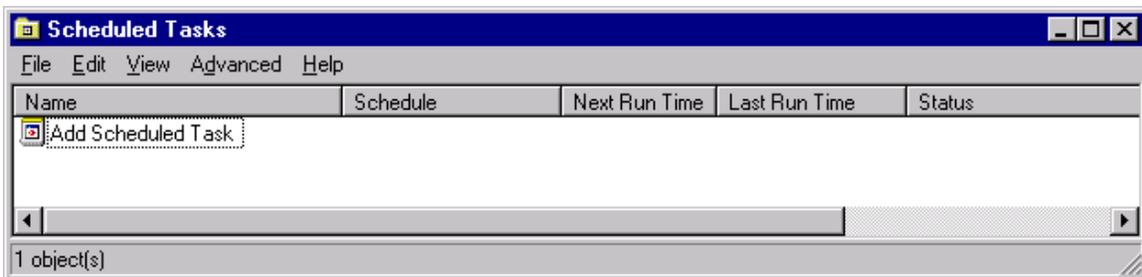
- Once the termination processing job has been identified, click on the job once so that it is highlighted.



- Choose **File**, and then choose **Delete**. The following screen will be displayed.



- Click **Yes**. The termination processing job has been deleted from the HOMES server.



All future terminations will still be processed. HOMES V12.02 incorporates a new way to handle termination processing that is efficient and more reliable than previous versions HOMES.

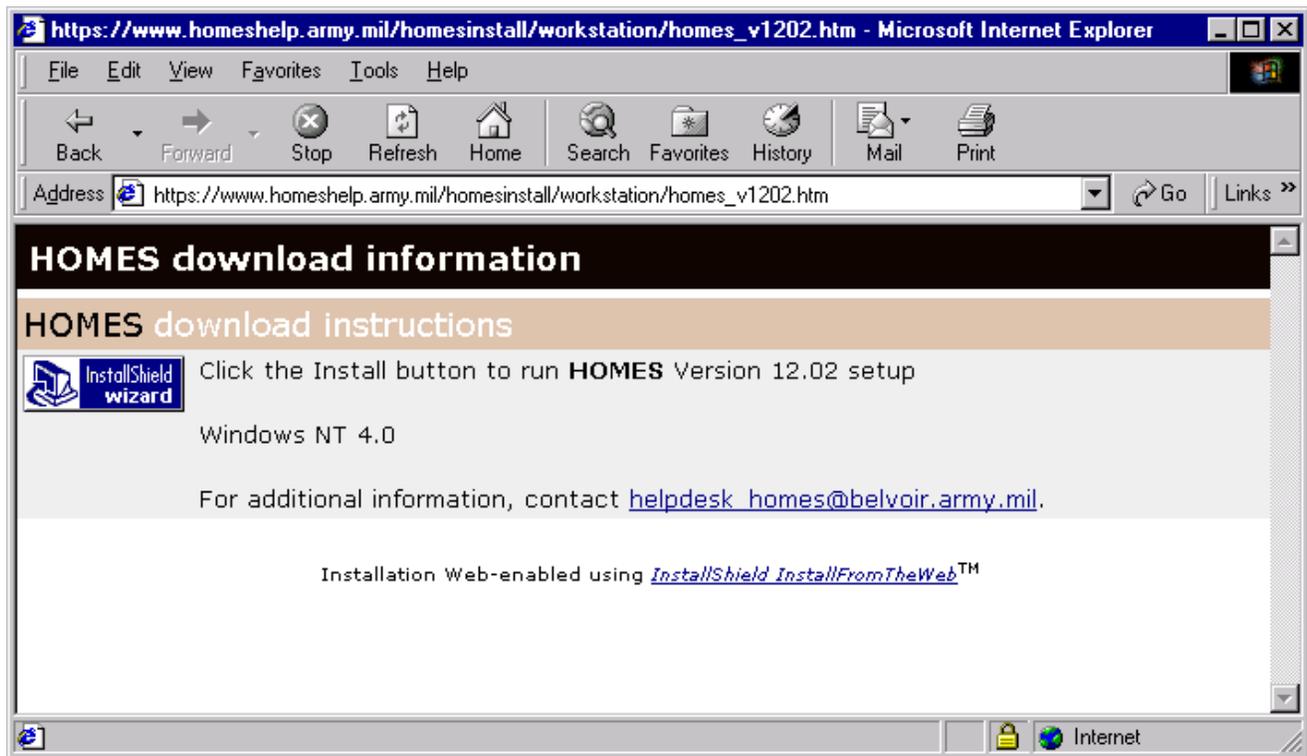
## 5. HOMES Version 12.02 Workstation Installations

*If there are any questions or concerns regarding any of these procedures, please contact the appropriate HOMES help desk for assistance.*

### 5.1 Download the HOMES Install Program for Workstations from the Web

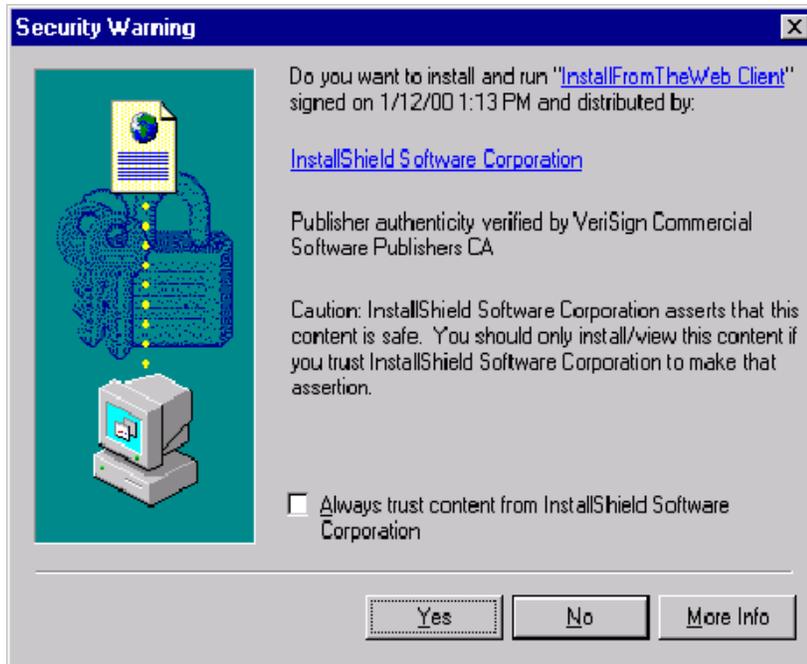
The System Administrator (SA) or designated site personnel should download the program once to a computer that is on the network. Once the File is downloaded, the SA will then install the program on all the computers using the computer that contains the downloaded files. The step-by-step instructions follow.

1. Use a workstation that has Internet access.
2. Open Internet Explorer.
3. To install HOMES 12.02 on workstations with Windows NT 4.0, enter [https://www.homeshelp.army.mil/homesinstall/workstation/homes\\_v1202.htm](https://www.homeshelp.army.mil/homesinstall/workstation/homes_v1202.htm) in the **Address** window and press <ENTER>. To install HOMES 12.02 on workstations with Windows 2000, enter [https://www.homeshelp.army.mil/homesinstall/workstation/w2k/homes\\_v1202\\_w2k.htm](https://www.homeshelp.army.mil/homesinstall/workstation/w2k/homes_v1202_w2k.htm) in the **Address** window and press <ENTER>.



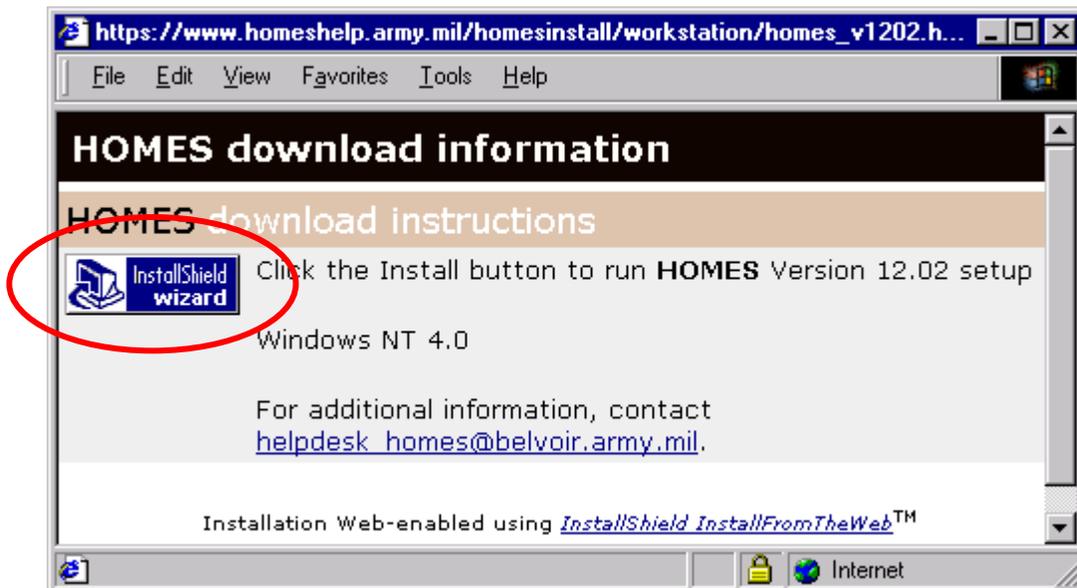
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- The screen above will load. If the Blue Icon labeled “InstallShield Wizard” does not immediately appear, the following screen will be displayed.

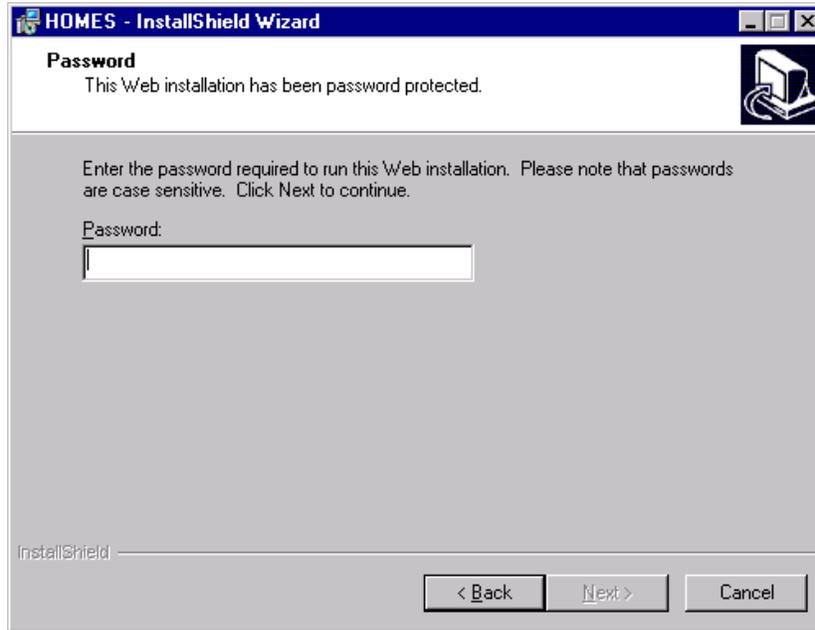


In this case, click Yes and Internet Explorer will download an update to run the setup wizard. Please be patient. This may take several minutes. **NOTE:** Do not try to reload, view another webpage, or close Internet Explorer during this process. If an error occurs, contact the HOMES Help Desk.

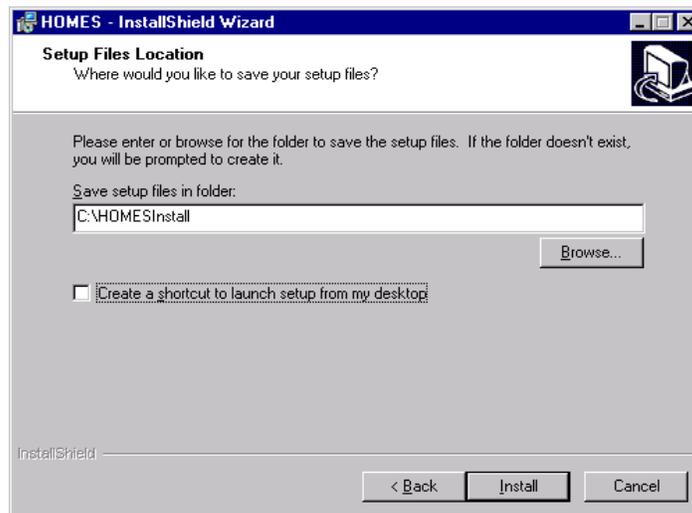
- When the Blue Icon labeled “InstallShield Wizard” appears, click the icon one time to start the install process.



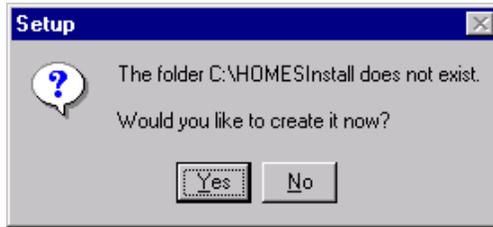
6. Enter the password distributed by the HOMES Help Desk. If a password is needed, please call the help desk at 703-428-7516 or 1-800-368-1023. Click <NEXT>.



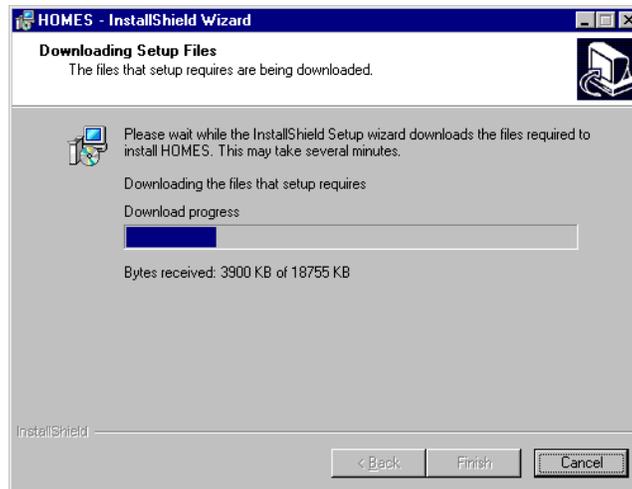
7. On the **Setup Files Location** screen change the folder name to **C:\HomesInstall** and unselect the **“Create a shortcut...”** checkbox (as shown below).



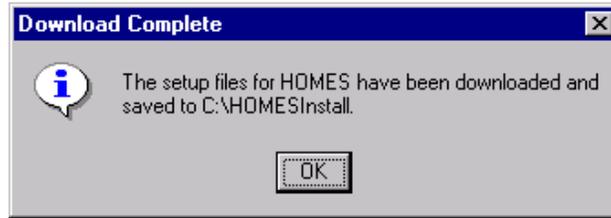
8. Click <INSTALL> to continue.
9. If the following message box appears, Click <YES> to create the new folder when the message box appears.



10. Setup will now download all of the necessary files. It is normal for this download process to take longer than 30 minutes. Please be patient. If the Internet connection is lost in the middle of the download, go to step three and start over. If the same location is chosen to install the files, the download will start where it left off saving time on the download.



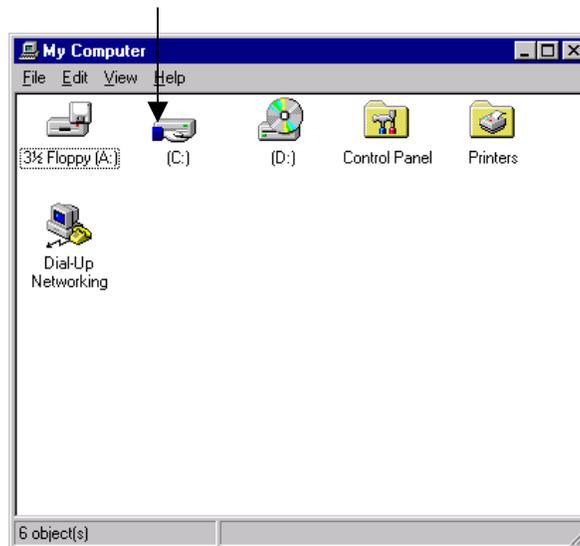
11. Click <OK> on the **Download Complete** message.



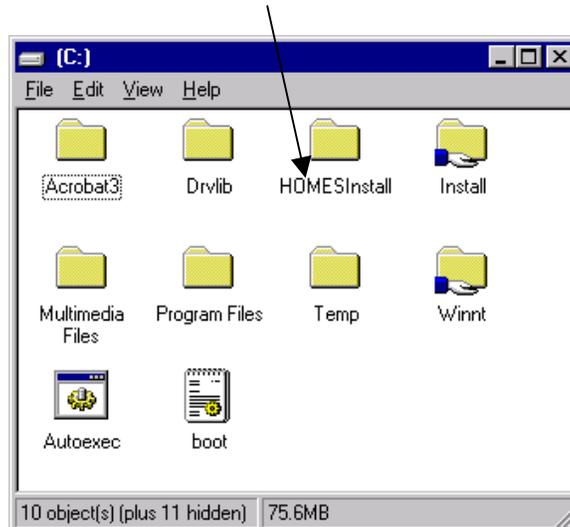
12. Close Internet Explorer.

13. Double Click the “**My Computer**” Icon on the desktop.

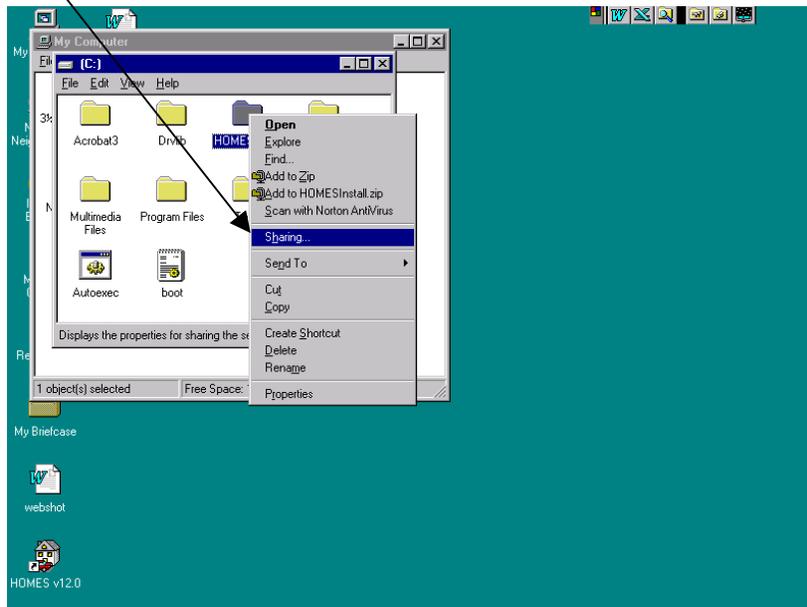
14. Double click the icon labeled “(C:)”.



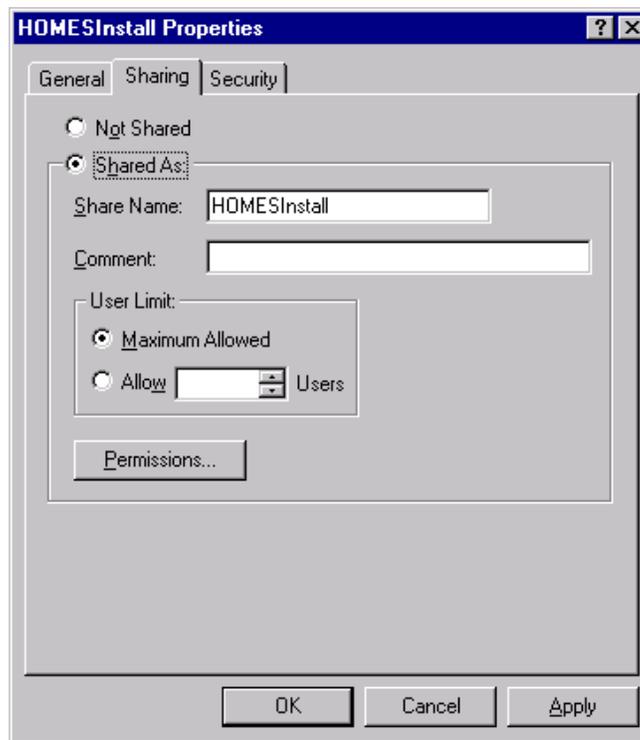
15. Right click on the folder labeled “**HOMESInstall**”.



16. Select the “Sharing” option from the list.

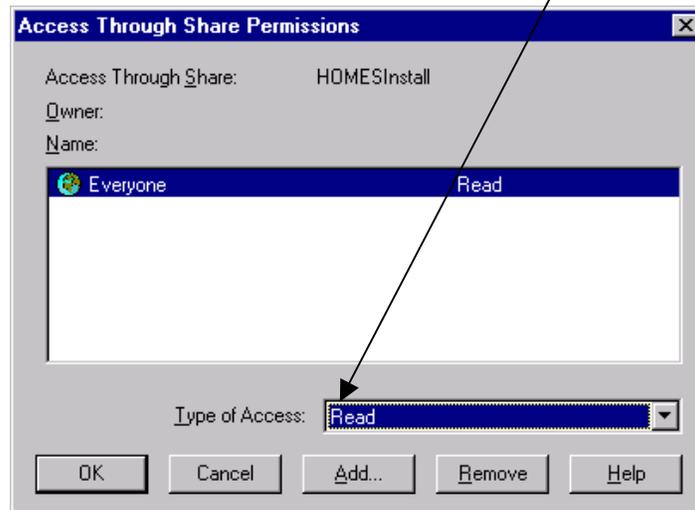


17. Select the option button ”Shared As” and click <PERMISSIONS...>.



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18. Select the “**Read**” Option from the drop down box labeled **Type of Access**.



19. Click <**OK**> to close the **Access Through Share Permissions** screen.

20. Click <**OK**> to close the **HOMESInstall Properties** screen.

21. Click <**YES**> on the **Sharing** screen below.



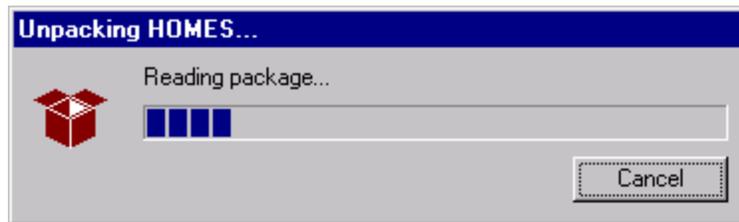
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## **5.2 Install the HOMES Version 12.02 Program Onto the Client Workstations with Windows NT**

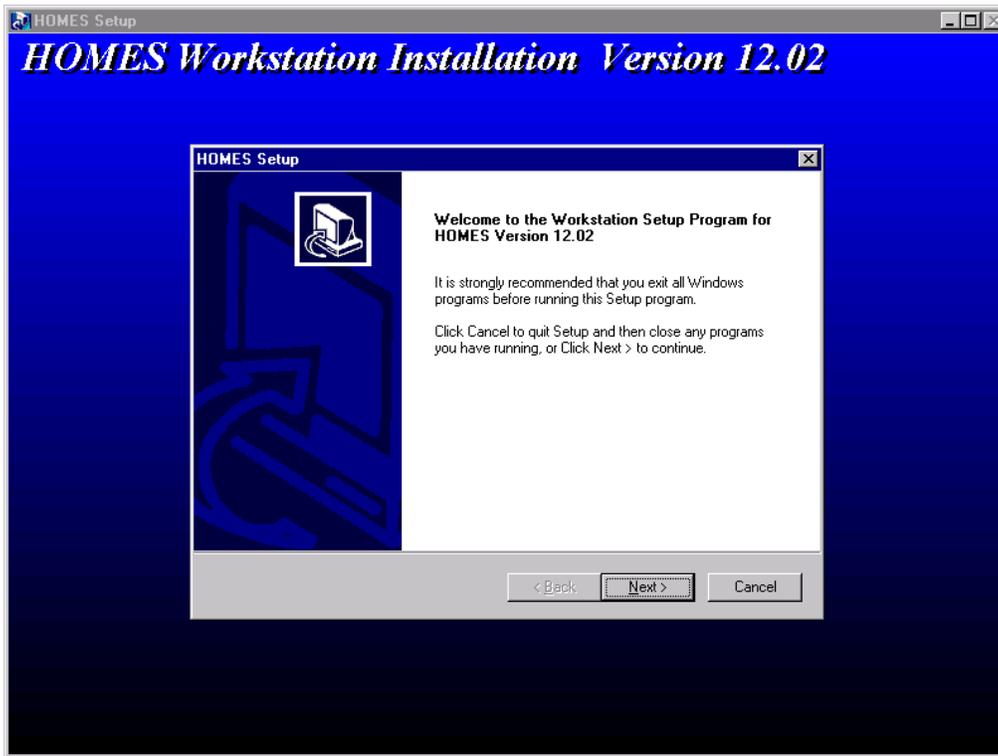
The Client Workstation Install Program for Windows NT 4.0 includes Service Pack 6a and Hotfixes, MDAC 2.7 and HOMES Version 12.02 application, system files, and reports. Before starting the installation of HOMES Version 12.02, **login as a user that has administrator privileges** and close all programs on the workstation. These steps will need to be taken on each Windows NT 4.0 workstation that uses HOMES.

*Note: To install HOMES on Windows 2000 workstations, please go to Section 5.3 Install the HOMES Version 12.02 Program Onto the Client Workstations with Windows 2000*

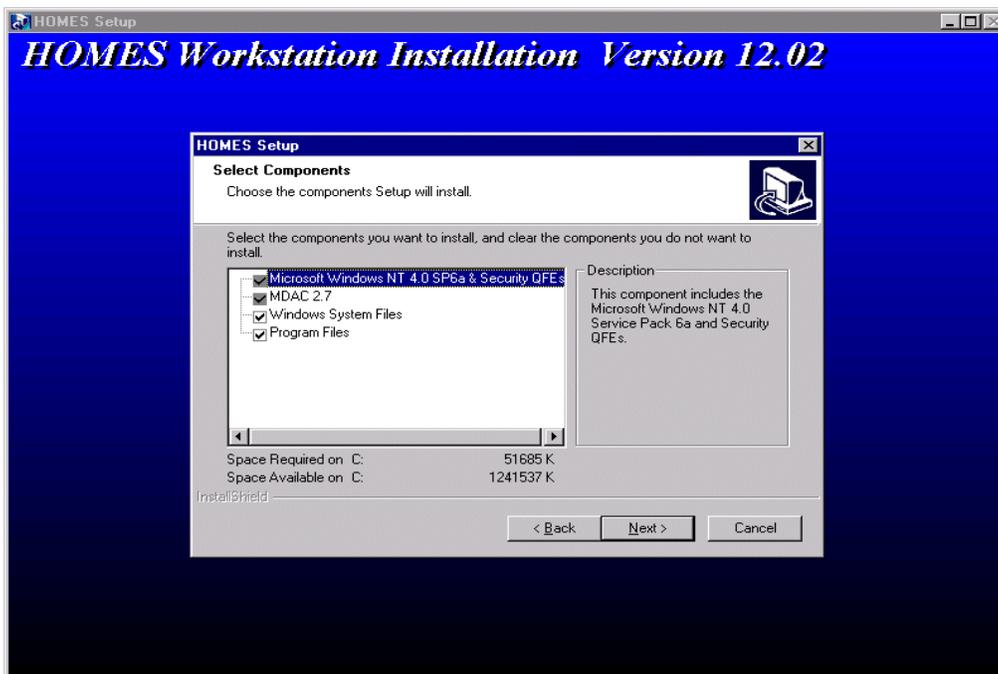
1. Click <START>,<PROGRAMS>,<WINDOWS NT EXPLORER>.
2. Click once on the “Network Neighborhood” icon.
3. Double click on the computer in which the files were saved.
4. Double click on the “HOMESInstall” folder.
5. Double click the “Homes\_V1202” icon. The **Install Application** will launch. Be patient while the computer prepares for the installation.



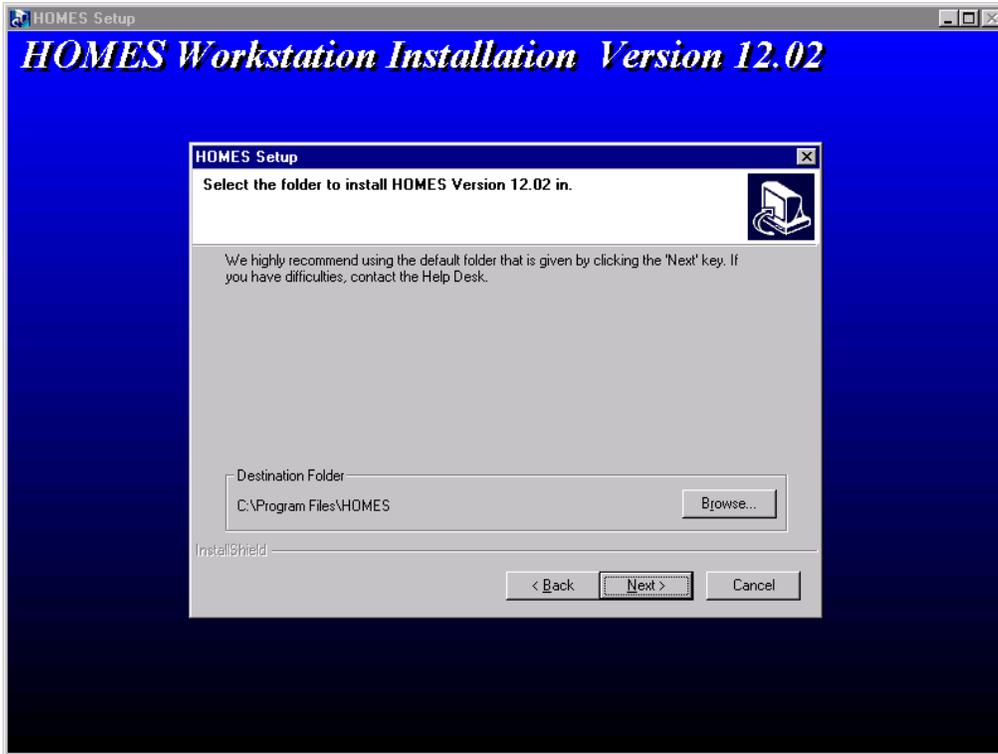
6. Read the **Welcome** message below, and click <NEXT>.



7. Click <Next> on the **Select Components** message box. *Note: Windows NT 4.0 SP6a and MDAC 2.7 are required to be installed and can not be unchecked.*



8. Click <NEXT> on the **Select the folder to install HOMES Version 12.02 in** screen. If the default folder needs to be changed, then click the Browse button and select the new folder.



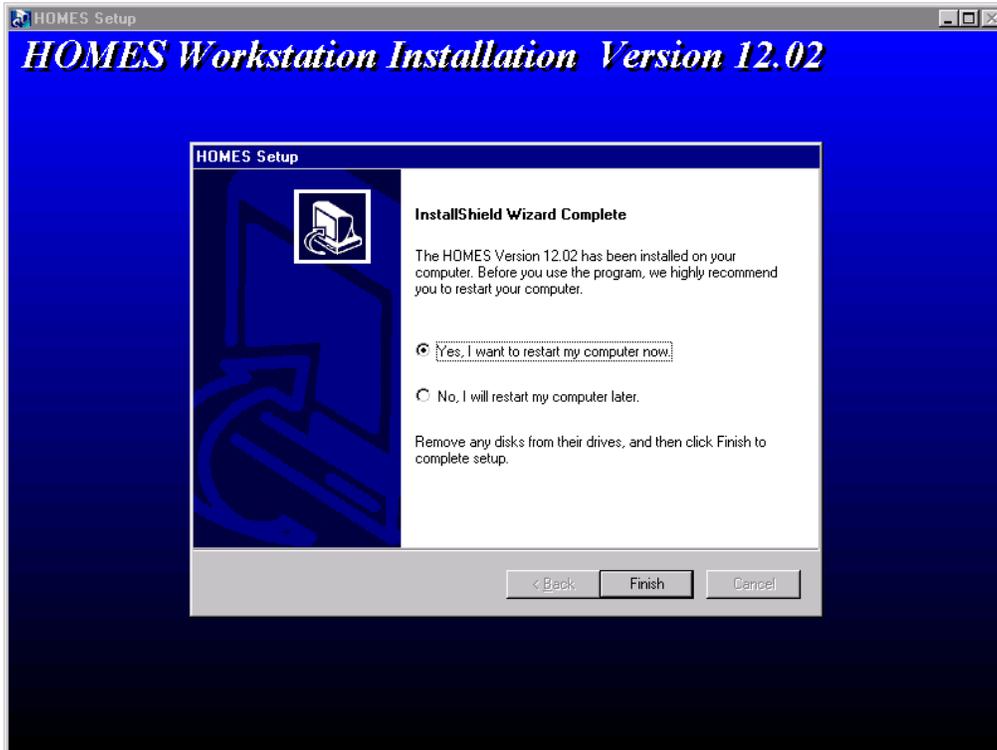
9. Click <NEXT> on the **Start installing the selected components** screen.



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10. Allow the program to install all of the program files. *Do not try to cancel the install program or close any of the screens until the install process is completed.* This may take over 15 minutes depending on the computer and network.

11. Click <**Finish**> to restart the computer and complete the setup process.



12. The **HOMES V12.02 Install Program** will remove the icons deployed with version 12.01. The HOMES V12.01 icons will be replaced with HOMES V12.02 icons. The HOMES V12.02 Install Program will also remove the BOP Reporting Utility if it is installed on the workstation. The functionality of the BOP Reporting Utility has been incorporated into HOMES V12.02.

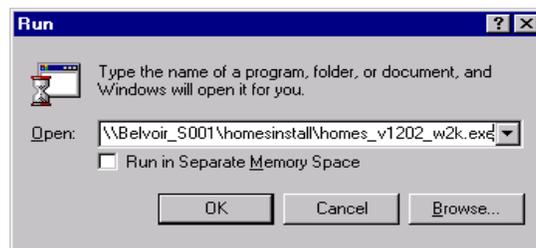
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### 5.3 Install the HOMES Version 12.02 Program Onto the Client Workstations with Windows 2000

The Client Workstation Install Program for Windows 2000 includes W2K Service Pack 2 and Hotfixes, MDAC 2.7 and HOMES Version 12.02 application, system files, and reports. Before starting the installation of HOMES Version 12.02, **login as a user that has administrator privileges** and close all programs on the workstation. These steps will need to be taken on each Windows 2000 workstation that uses HOMES.

*Note: To install HOMES on Windows NT 4.0 workstations, please go to section 5.2 Install the HOMES Version 12.02 Program Onto the Client Workstations with Windows NT*

1. Click <START>,<RUN>.
2. Type “\\<HOMES Server Name>\HomesInstall\HOMES\_V1202\_W2K.exe”. For example, if at Ft. Belvoir, type the following: “\\Belvoir\_S001\HomesInstall\setup.exe”.



3. Click <OK>. The Install Application will launch. Be patient while the computer prepares for the installation.

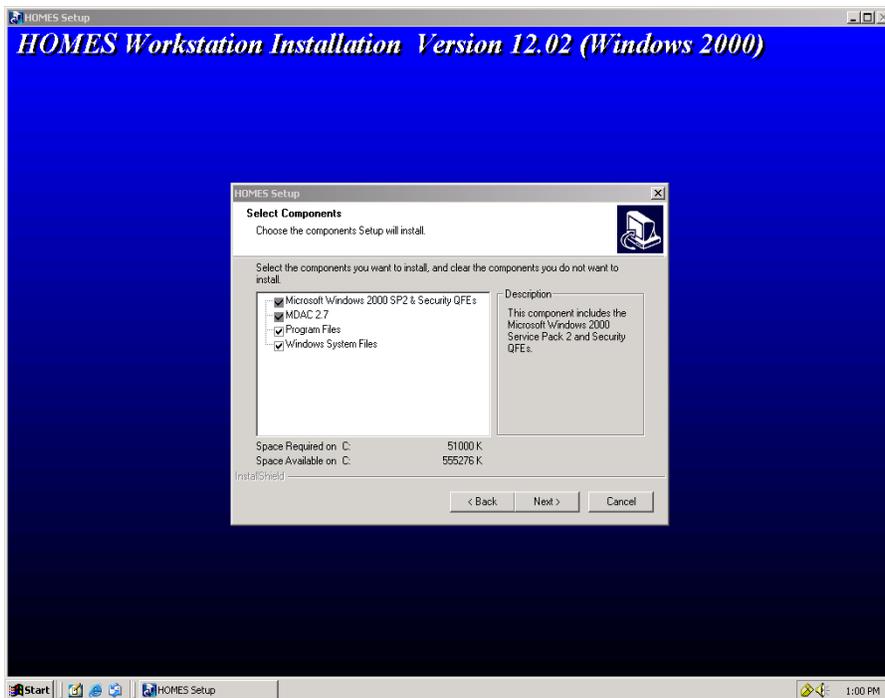


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4. Read the **Welcome** message below, and click **<NEXT>**

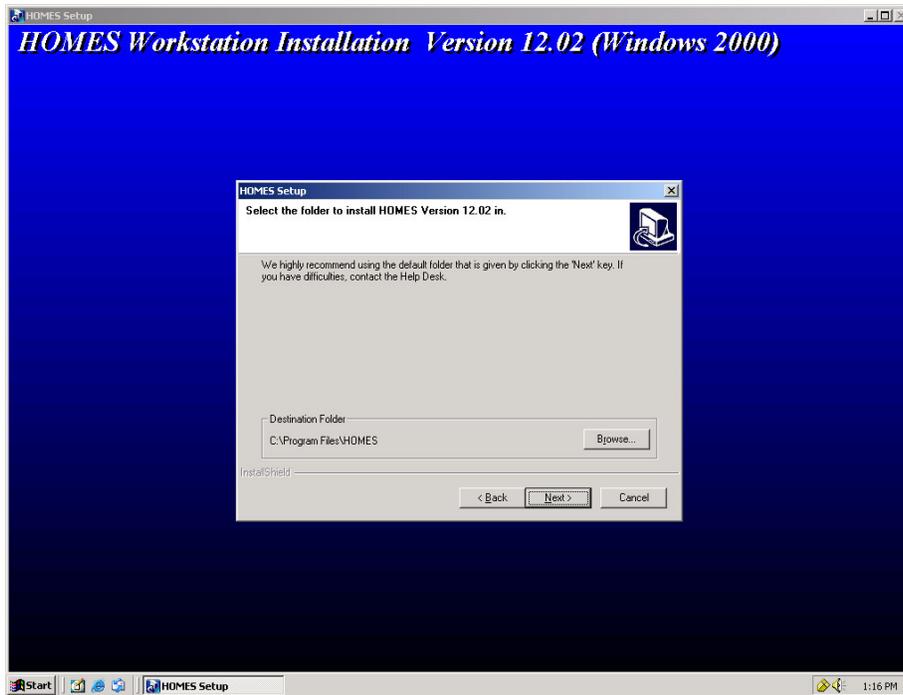


5. Click **<NEXT>** on the **Select Components** message box. *Note: Windows 2000 SP2 and MDAC 2.7 are required to be installed and can not be unchecked.*

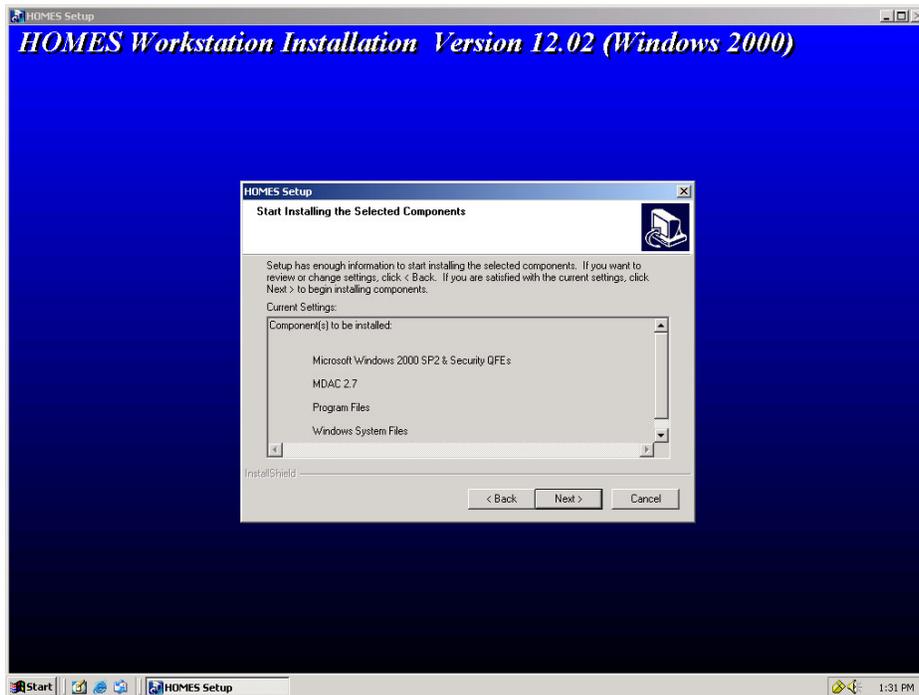


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6. Click <NEXT> on the **Select the folder to install HOMES Version 12.02 in** screen. If the default folder needs to be changed, then click the Browse button and select the new folder.



7. Click <NEXT> on the **Start installing the selected components** screen.



8. Allow the program to install all of the program files. *Do not try to cancel the install program or*

*close any of the screens until the install process is completed.* This may take over 15 minutes depending on the computer and network.

9. Click <**Finish**> to restart the computer and complete the setup process.

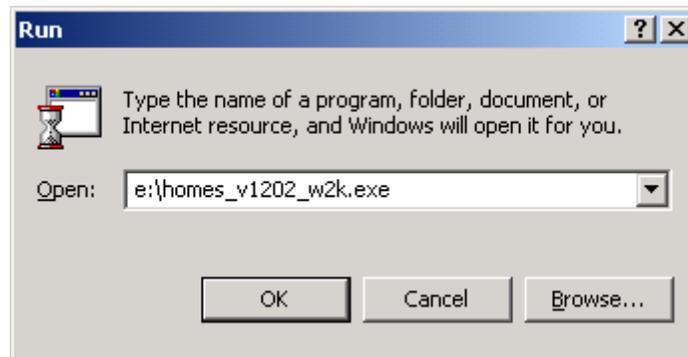


10. The **HOMES V12.02 Install Program** will remove the icons deployed with version 12.01. The HOMES V12.01 icons will be replaced with HOMES V12.02 icons. The HOMES V12.02 Install Program will also remove the BOP Reporting Utility if it is installed on the workstation. The functionality of the BOP Reporting Utility has been incorporated into HOMES V12.02.

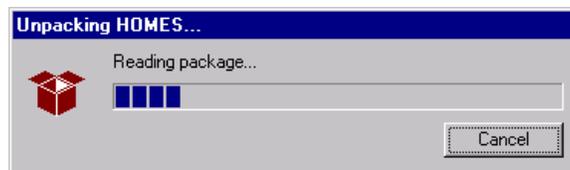
#### **5.4 Install the HOMES Version 12.02 Program from a CD-ROM**

Before starting the installation of HOMES 12.02, **login as a user that has administrator privileges** and close all programs on the workstation. The installation program will reboot upon completion to finish the install process. These steps will need to be taken on each workstation that uses HOMES.

1. Insert the *Housings Operations Management System (HOMES) Version 12.02 Workstation CD* into the CD-ROM drive.
2. Click <START>,<RUN>.
3. Type **e:\homes\_v1202.exe** if installing on a Windows NT 4.0 workstation.  
Type **e:\homes\_v1202\_w2k.exe** if installing on a Windows 2000 workstation.



4. Click <OK>. The Install Application will launch. Be patient while the computer prepares for the installation.



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5. For Windows NT 4.0 users, follow the directions from step #6 through step #11 under *Section 5.2 Install the HOMES Version 12.02 Program Onto the Client Workstation with Windows NT*. For Windows 2000 users, follow the directions from step #4 through step #10 under *Section 5.3 Install the HOMES Version 12.02 Program Onto the Client Workstation with Windows 2000*.

**5.5 How To Remove HOMES Version 12.02**

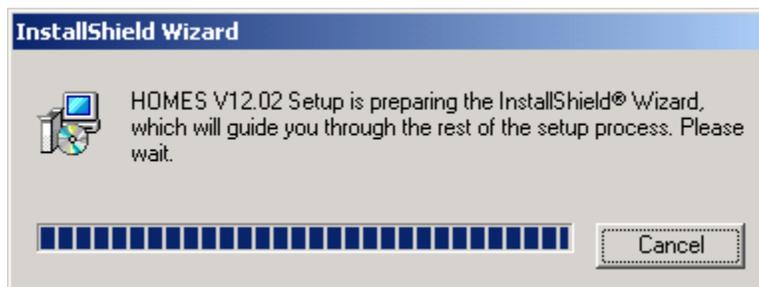
*Do not remove HOMES Version 12.02 unless directed by the HOMES Delp Desk. They must be available to help resolve problems.*

**To remove the HOMES Version 12.02 application follow these steps:**

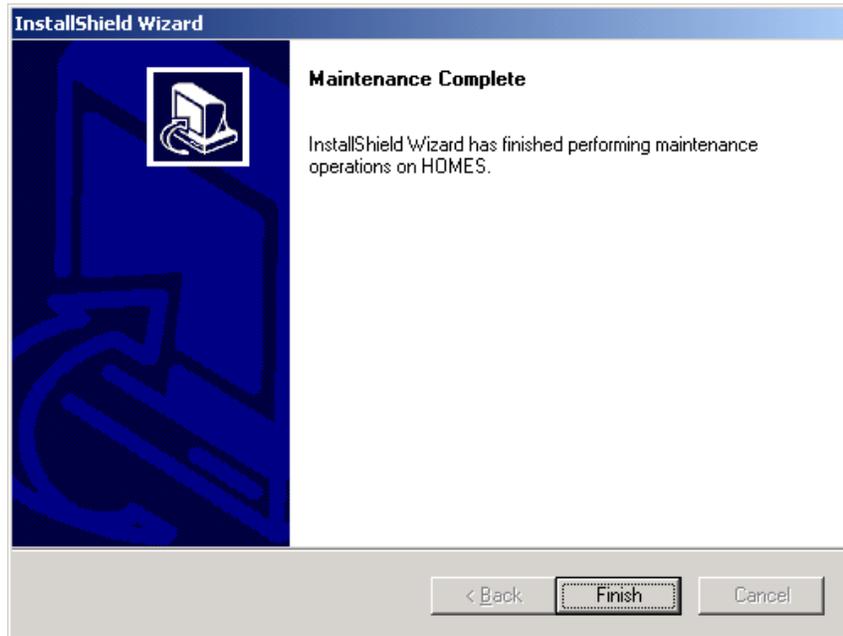
1. Log on to the workstation using the local **Admin** account or other account **with local administrative privileges**.
2. Close any applications that are open.
3. Click <START>,<SETTINGS>,<CONTROL PANEL>.
4. Double-click on the “**Add/Remove Programs**” icon.



5. Select “**HOMES**” from the list and click <CHANGE/REMOVE>.
6. Allow the **InstallShield Wizard** to prepare setup files.



7. Click <FINISH> on the **Maintenance Complete** screen.



## APPENDIX A: SECTION 508 REMEDIATION

### **Background**

“In 1998, Congress amended the Rehabilitation Act to require Federal agencies to make their electronic and information technology accessible to people with disabilities. Inaccessible technology interferes with an individual's ability to obtain and use information quickly and easily. The law applies to all Federal agencies when they develop, procure, maintain, or use electronic and information technology. Under Section 508 (29 U.S.C. ‘ 794d), agencies must give disabled employees and members of the public access to information that is comparable to the access available to others.”<sup>1</sup> This amendment allows persons with disabilities to use alternative methods of interaction with computers to complete tasks in federal software and web sites.

Because the HOMES application is a software application in use by a department of the Federal Government, it is subject to compliance with the provisions set forth in Section 508.

### **Methodology**

In reviewing the regulations in Section 508, there are many requirements that apply not only to web sites, but also to software applications. Many of those requirements either did not apply to HOMES (i.e. HOMES does not have the features referenced in those requirements), or we were confident in saying that HOMES already satisfied certain requirements. However, three of the requirements required an assessment of the HOMES application. Those requirements were the following:

- 1) All controls must be accessible without the use of a mouse.
- 2) All fields that have a meaning conveyed in color must also have the meaning conveyed by some other means.
- 3) Current focus must be clearly indicated for each item on the screen.

In order to assess this compliance, each and every one of the 256 screens in HOMES was manually checked. The test team noted any and all defects that were a direct violation of Section 508 in the defect-tracking tool, PVCS Tracker.

### **Section 508 Compliance Assessment Results**

There are 18 screens in HOMES that violate Section 508 compliance in regards to controls being accessible without the use of a mouse.

There are two (2) screens in HOMES that violate Section 508 compliance in regards to meaning conveyed in color. In HOMES, required fields are denoted by being yellow and have an asterisk (\*) as a prefix to the field label. There are some instances in HOMES whereby a specific selection by the user causes a field's properties to change from optional to required. If that happens, an asterisk must display in the label next to the newly required field.

There are seven (7) screens in HOMES that violate Section 508 compliance in regards to the focus being clearly indicated. Through investigation by the development team, it has been determined this issue is most likely a result of the use of labels versus using captions, as labels in Visual Basic applications cannot receive focus.

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<sup>1</sup> <http://www.section508.gov/About508.htm>, Section 508: The Road to Accessibility, October 17, 2001.

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The results are summarized in the table below. There are 27 violations of the Section 508 requirements, but only 26 screens are affected, since one of the screens exhibits two different defects.

<b>Requirement for Compliance</b>	<b>Number of Violations</b>
All controls are accessible without the use of a mouse.	18
All fields that convey their meaning in color also have the meaning conveyed by some other means.	2
Focus is clearly indicated for each item on the screen.	7
<b>Total</b>	<b>27</b>
<b>Number of Screens affected</b>	<b>26</b>

All of the detailed write-ups for issues discussed in this section can be found in the HOMES tracking tool, PVCS Tracker. The list of screens that have violations are in a table below.

Screens in violation of Section 508 Requirements

Screen #	Screen Name	Focus	Controls	Color
225	Certificate of Non-Availability	X		X
250	Waiting List Search		X	
291	Complaint Maintenance		X	
426	Dwelling Unit Deletion Loss By		X	
435	UPH Facility Maintenance		X	
446	Off Post Dwelling Unit Maintenance		X	
448	Off Post Non-Listing Maintenance		X	
450	Correspondence Defaults		X	
451	Screen Defaults		X	
506	Purge Schedule		X	
605	Finalize Issue	X		
606	New Request For Lateral Transfer Into HOMES		X	
635	Delegation of Authority		X	
648	Program Budget Guidance History			X
664	Finalize Dwelling Unit Transfer	X		
004R	Print Customer Departure Planning		X	
604T	New Request for Turn-In	X		
605T	Finalize Turn-In	X		
619A	AFH Installation Master Furnishings	X		
619B	UPH Installation Master Furnishings	X		
643A	AFH All Waiting Lists Per Customer		X	
643B	UPH All Waiting Lists Per Customer		X	
681A	AFH Requisition Detail		X	
681B	UPH Requisition Detail		X	
??	Change Responsible Person on Assignment		X	
??	Repair Secondary Customer.		X	

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Screen Affected by Other Findings

Screen #	Screen Name	Hot key	Tab order	Inconsistent
201	Customer Housing Application		X	
202	Customer Waiting List, AFH			X
203	Customer Waiting List, Off Post			X
205	Customer AFH Dwelling Units		X	
206	Off Post Listing Search		X	
207	Off Post Listing Search Results		X	X
208	Off Post Listing	X		
209	Customer UPH Dwelling Units		X	
214	Customer Waiting List, UPH			X
215	AFH Dwelling Offer		X	
216	UPH Dwelling Offer		X	
218	AFH Dwelling Assignment		X	
219	UPH Dwelling Assignment		X	
223	Separate Primary/Secondary		X	
250	Waiting List Search		X	X
271	AFH Facility View	X		
272	AFH Dwelling Unit View		X	
275	UPH Facility View	X		
276	UPH Dwelling Unit View		X	
286	Non Inspection Day Remarks		X	
422	AFH Dwelling Unit Maintenance	X	X	
427	Modification History		X	
448	Off Post Non-Listing Maintenance		X	
463	Distribution List Name/Title		X	
464	Distribution List Name Addressees			X
465	Housing Correspondence Signature		X	
466	Inspector Name		X	
467	Military Housing Allowance		X	
470	Off Post Facility Community		X	
471	Off Post Facility Elementary School		X	
472	Off Post Facility High School		X	
473	Off Post Facility Middle School		X	
476	On Post Facility Area Designation		X	
480	Dwelling Amenity		X	
481	Off Post Configuration		X	
482	Off Post Exterior Surface		X	
483	Off Post POC Role		X	
484	Off Post Loan Type		X	
485	Off Post Unacceptability		X	
541	Download UCAS Data		X	
604	New Request for Issue		X	
605	Finalize Issue		X	X

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<b>Screen #</b>	<b>Screen Name</b>	<b>Hot key</b>	<b>Tab order</b>	<b>Inconsistent</b>
607	New Request for Remove from Inventory		X	X
608	New Request for Transfer		X	X
609	View Open Requests for Transfer		X	
610	Finalize Transfer		X	X
611	View Finalized Transfer		X	
612	Delivery Schedule Search	X	X	
614	New Request For Lateral Transfer Out Of Homes			X
618	View Open Requests for Remove from Inventory		X	
620	Finalize Remove from Inventory		X	X
621	View Finalized Remove from Inventory		X	
651	UPH Off Post Support Document		X	
652	AFH On Post Support Document		X	
653	AFH Off Post Support Document		X	
655	Common Table of Allowances (CTA) Search		X	
660	Furnishings Warehouse Search	X	X	X
661	Warehouse Furnishings Maintenance		X	X
662	New Request for Dwelling Unit Transfer		X	
664	Finalize Dwelling Unit Transfer		X	X
665	View Finalized Requests for Dwelling Unit Transfers		X	
686	Administrative Adjustments			X
689	Turn-in to One Listing			X
692	Open Suspense Documents Search		X	X
013R	Print Senior Occupant Candidate Listing		X	
014R	Select ADC	X		
015R	Memo For F/A Office	X		
016R	Document Register	X	X	X
032R	Print FH Dwelling Extract		X	
038R	Select ADC	X		
052R	Print UPH Dwelling Extract		X	
058R	Select ADC	X		
076R	Print POC Listing (ALL)		X	X
116R	Print Waiting List Sequence			X
515R	Furnshings Customer Purge Report	X		
528R	On-Post Facility History Purge Report	X		
604T	New Request for Turn-In	X	X	
605T	Finalize Turn-In		X	X
606C	View Open Requests for Lateral Transfer Into HOMES		X	
606D	Finalize Lateral Transfer Into HOMES		X	
614C	View Open Requests for Lateral Tranfer Out of HOMES		X	
614D	Finalize Lateral Transfer Out of HOMES		X	
614E	View Finalized Requests for Lateral Transfer Out of HOMES			
616T	View Finalized Turn-Ins		X	
617A	AFH Requisition/Receipt Search	X	X	X
617B	UPH Requisition/Receipt Search	X	X	X

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<b>Screen #</b>	<b>Screen Name</b>	<b>Hot key</b>	<b>Tab order</b>	<b>Inconsistent</b>
627C	Troop/Unit Furnishings Search	X	X	X
627D	Billeting Furnishings Search	X	X	X
627E	Non-Supportable Furnishings Search	X	X	X
628C	Troop/Unit Furnishings Maintenance			X
628D	Billeting Furnishings Maintenance			X
628E	Non-Supportable Furnishings Maintenance			X
639A	AFH Furnishings Waiting List Maintenance			X
639B	UPH Furnishings Waiting List Maintenance			X
640A	AFH Furnishings Waiting List Search		X	X
640B	UPH Furnishings Waiting List Search		X	X
643A	AFH All Waiting Lists Per Customer		X	
643B	UPH All Waiting Lists Per Customer		X	
681A	AFH Requisition Detail			X
681B	UPH Requisition Detail			X
682A	AFH Receipt Detail			X
682B	UPH Receipt Detail			X
685A	AFH Requisition Update Status/Priority	X		X
685B	UPH Requisition Update Status/Priority	X		X
687A	AFH Backout Receipt	X		X
687B	UPH Backout Receipt	X		X
687C	New Request for Contractor Issue		X	X
687D	View Open Requests for Contractor Issue		X	
687E	Finalize Contractor Issue		X	X
687F	View Finalized Requests for Contractor Issue		X	
688C	New Request for Contractor Turn-In		X	X
688D	View Open Requests for Contractor Turn-In		X	
688E	Finalize Contractor Turn-In		X	X
688F	View Finalized Requests for Contractor Turn-In		X	
??	Change Responsible Person on Assignment	X		
??	Customers Assigned To Listing	X		
??	Listing Search		X	
??	Multiple Listings for Customers	X		
??	Select Dwelling Status			X