CHAPTER 4: MCEGOLD NETWORK

The network edition of MCEGold® is designed to accommodate multiple sites/servers and multiple formats, such as desktops and field testers. The number of sites, formats, and seats/users is dependent on the license purchased. The license may be upgraded/changed using the MCEGold Utility program.

There are three different login modes Network Desktop, Field Tester Network, and Field Tester Local.

Network Desktop. Installed on desktops only for MCEGold operations. This format does not communicate with or operate field testers

Field Tester Network. This login is for communication and operation of a field tester. It supports testing and saving data directly to the network. It must be used to synchronize data between the network and field testers. See page 4-18 for more information.

Field Tester Local. This login is for a field tester that is not connected to the network. It supports testing and saving data to the tester, which must be UpSynced to the network. See page 4-18 for more information.

The difference in the MCEGold desktop home window between stand alone and network edition, is that for the network edition the Site Navigator displays multiple site icons and during the synchronization process Deleted Assets and New Assets folders may be automatically added. See Figure 4-1.

C Site Navigator				
view Edit				
Location NRound Rock/Pdf	/A Lab Motors			/
Round Rock	Deleted Assets		Criticality Not Assigned	Mame #3
I Gorges	New Assets	ĕ	Not Assigned	#3A
	ASHEVILLE, NC	ö	1	MAX-E2
Training	PdMA Lab Motors		Not Assigned	#2
			no coogree	πe (e)

Figure 4-1: Network Edition - Site Navigator

Clicking on a site icon causes the folders and assets associated with that site to be displayed in all of the appropriate home window areas (WatchList, Site Condition, and Message Center).

A Deleted Assets folder is created when an asset from the field tester is synchronized with the network and the asset on the network has been deleted. The asset is placed in the Deleted Assets folder during the UpSync process.

A New Assets folder is created when a field tester UpSyncs an asset that has been created in the field. After UpSyncing the asset can be moved to the correct folder.

The difference in the MCEGold home screen between Field Tester Local and Field Tester Network is that on the Field Tester Local when MCEGold starts the home screen displays only the WatchList and Message Center. The Site Navigator and Site Condition windows are not available and the buttons are not on the tool bar. See Figure 4-2. On the Field Tester Network the DataSync icon is included on the tool bar. See page 4-18 for more information on the testers.

Accel Summery Name Pole AddAcel	Test History	r'aming Settings	Test Selection Sea	ch Wath Lit MCE Aut	Erran Auto	FastZores He	inge 1	Laport File The
Fie Edt								
Film Emply Watchists	Order 4	File Unov	alable Accets					
Indust Maat Maat	Crder 1 2 3 5 6 7 8 9 10 mm	Critically Not Available Not Available Not Available Not Available Not Available Not Available Not Available Not Available Not Available	Name 21 Synch NB 21 Synch NB 21 DC A0 23 WHM NB 21 COP Lesson R2 Lesson R2 Copp Lou'r anet	Type Nar Available Nar Available	Last D	inax Test Date	Lad 7/25/200	14CE Test Date
Rems Count : 10 Description :	Select Al					10	Accety	1 Selected
Billessage Center	7. D.							
le Edit Vesi Option					_		_	

Figure 4-2: Field Tester Local Home Window

A login name and password are required to start MCEGold network. Login names and passwords are created by the Administrator or IT personnel using the Account Manager program. See page 4-6 for more information.

There are five short audio/video tutorials available Home Window, Site Condition, Site Navigator, WatchList, and Message Center. To view them select Help, Tutorial, and the tutorial you wish to view. It will begin playing automatically.

UTILITY PROGRAM

The Utility Program is used to verify the server key information and perform tasks related to the license key, database, and calibration. Table 4-1 displays which utility programs are available for each version. The Utility Program is located at Start, All Programs, PdMA Corporation, Utilities. Figure 4-3 is the Desktop Utility window and Figure 4-4 is the Field Tester Utility window.

Utility	Desktop	Field Tester
License Key	Х	Х
Database	Х	Х
Server	Х	
Calibration		Х

Table 4-1: Utility Programs



Figure 4-3: Network Desktop Utility Window

MCEGold Utility Version: Field Tester		
Calibration Tasks related to the MCEGold Calibration Files.	Database	Tasks related to the MCEGold Database.
	License Key	Update MCEGold License

Figure 4-4: Network Field Tester Utility Window

License Key

Selecting the License Key button from the Utility window allows you to change/upgrade your MCEGold license. You would do this if you purchased a different MCEGold version or more sites/seats. This button is available on both desktop and field tester.

The License Key window is shown in Figure 4-5. Fill in the company name and License Key exactly as provided to you. When entering the license key the cursor automatically advances to the next box as you are entering the information. Information entered in the License Key text boxes is not case sensitive. Click **Submit**.

MCEGold Utility		
Company Name		
	Submit	- (
Please enter your license information and click Submit button.	-	(

Figure 4-5: Utility License Key

Database

Selecting the Database button from the Utility window allows you to change the server location and database. This button is available on both desktop and field tester, however the procedure is different for desktops and field testers.

Desktop Database Utility

Borror Ecodatori		
Server		Test Serve
Connection Name	MCEGold_2.01.01	

Figure 4-6: Network Desktop Database Window

- 1. Enter the server name in the text box. See Figure 4-6. Click **Test Server** to validate correct server information has been entered.
- 2. The Server Located window opens (Figure 4-7). Click OK.



Figure 4-7: Server Location

3. When the server has been verified, the Submit button appears on the MCEGold Utility window (Figure 4-8). Enter the connection name, database, login, and password information. Click **Submit**.

Connection Name Database Login	Server	Test Server
Database	Connection Name	
ogin	Database	
5	ogin	
Password Submit	Password	Submit

Figure 4-8: Network Desktop Database Window

4. Click **OK** in the Database Updated dialog box (Figure 4-9).



Figure 4-9: Database Updated

Network Tester Database Utility

Selecting the Database button from the Utility window for network testers allows you to detach a database (for backup purposes) and change the server location.

Detach the Local Fie	ld Tesler Detach DB
Clear the Local Field Database.	Taster Clear
Server Location	
Server	PdMA Test Server
Connection Name	MCEGold_2.01.01
Database	MCEGold_2.01.01
Login	moe
Password	NON .

Figure 4-10: Network Field Tester Database Window

Local Database. The Local Database section has two buttons. The *Detach DB* button toggles with *Attach DB*. Detach allows you to detach the database from the tester, perform a backup, and then using the *Attach DB* button reattach the same database back to the tester.

The Clear button clears the database permanently from the tester.

Server Location. The Server Location section functions the same as the Desktop Database Utility. See page 4-4, Desktop Database Utility, for more information.

Server (Desktop Only)

The Server Key button on the Utility window, Figure 4-3, is used to verify or make changes to the license key. To update the license information fill in the Company Name and License Key and click **Submit**. See Figure 4- 11.

The lower portion of the window displays the current license information, including the licensee name, number of seats and sites, license type, and database server type.

Company Name	Gold Utility			
License Key	Company Name			
License Key				Submit
Licensed To Quick Stat Corporation Number of Seats Number of Sites 10 5 License Type Enterprise Database Server Type SQL Server 2000	License Key			
DuckStat Corporation Number of Seats Number of Sites 10 5 License Type Filense enter your license information and click Submit button. SQL Server 2000 Submit button.	Licensed To			
Number of Seats Number of Sites 10 5 License Type Enterprise Database Server Type Please enter your license information and click Submit button. SGL Server 2000 Submit button.	QuickStart Corporation			
10 5 License Type Enterprise Database Server Type Please enter your license information and click Submit button. SGL Server 2000 Submit button.	Number of Seats	Number of Site:	2	1
License Type Enterprise Database Server Type SuL Server 2000	10	5		
Enterprise Database Server Type Sub Server 2000	License Type			
Database Server Type Please enter your license information and click Submit button.	Enterprise			
SQL Server 2000	Database Server Type		Please enter your license in Submit button.	formation and click
	SQL Server 2000			

Figure 4-11: Network Desktop Server Window

Calibration (Tester Only)

The Calibration button on the Utility window, Figure 4-4, allows you to convert WinVis CalValue.txt and EmaxCal.mdb files to MCEGold files. In the MCEGold Utility Window

(Figure 4-12), click the browse button ____ and locate the cal file you wish to convert, then click **Convert**.

MCEGold Utility		
MCE Calibration Convert your WinVis file CalValue.txt.	Convert	
c∖winvisn∖calvalue.txt		_ (
Emax Calibration Convert your Winvis file EmaxCal.mdb.	Convert	
jc:winvisnjEmaxLai.mdb		5



MCEGOLD ACCOUNT MANAGER

The MCEGold Account Manager program allows you to manage multiple sites and accounts (users). The number of sites and seats is limited by the MCEGold license you purchased. However, an unlimited number of accounts may be added. The administrator creates the sites and groups, and assigns accounts to a site and a group. The groups have specific functions/rights that they are allowed to perform at their assigned site. If an account is assigned to a site and not to a group, he has read only rights.

After the MCEGold network software is installed the Account Manager program is started by selecting Start, All Programs, PdMA Corporation, Account Manager.

On the Login window shown in Figure 4-13, enter your name, password, and click OK.

	EG Sld
Name	Administrator
Password	
Server	MCEGold_2.01.01
Login Mode	Network Desktop
	OK Cancel

Figure 4-13: MCEGold Account Manager Window

The Account Manager home window is shown in Figure 4-14. If PdMA has converted your database for you, then the site/s have already been set up and you are ready to set up groups and accounts. See Add Accounts to Group on page 4-11

If this is a new database then you must first create a site and then set up groups and accounts. See Create a Site on page 4-9.



Figure 4-14: Account Manager Home Window

Account Manager Menu Items

Data



The only choices under Data are Site, Delete. Selecting this deletes a site and all its groups and accounts from the Account Manager. You must have a site highlighted to delete it.

Windows	Help
Cascad	e Windows
Tile Windows	
Close A	.11

Windows

In the Windows menu, the choices are Cascade Windows, Tile Windows, and Close All. These are standard window functions that control the appearance of multiple open windows.

Help	
Tutorial	•
About	

Help

In the Help menu, the choices are Tutorial and About. Tutorial is discussed on page 4-27. About opens the About MCEGold window, which provides the customer, technology, and technical support contact information.

Account Manager Tool Bar Icons

Show Manager

This opens the Account Manager window. You may have multiple Account Manager windows open at one time. See Account Manager on this page for more information.

Create Account

This opens the Create New Account Wizard window. A site must be highlighted before selecting Create Account. See page 4-12 for more information.



Create Group

This opens the Create New Group Wizard window. A site must be highlighted before selecting Create Group. See page 4-10 for more information.



Create Site

This opens the Create New Site Wizard. See page 4-9 for more information.



System Activity

System Activity opens a window that shows a list of the accounts that are online and their activity.

Account Manager Window

The Account Manager Window consist of two panes. The left pane contains the folders for Accounts and Sites in the familiar Windows tree format.

Highlighting the Accounts or Sites folder, causes a summary to display in the right pane (Figure 4-15) and activates an Edit function (located at the bottom of the pane).

Account Manager				
MCEGold Administration	Site summary			
Recooling	Name 🛆	Groups	Users	1
THE SILES	Gorgas	1	3	
	Round Rock	1	4	
	SMCO	0	0	
	Southeast	0	0	
	SouthShore	0	0	
	Tech Support	1	3	- 1
	Validate	0	0	
		and a second		_

Figure 4-15: Site Summary

Double clicking the folder name or clicking on the + sign causes the folder to open and reveal individual components. Highlighting a component causes a summary to be displayed in the right pane and activates an Edit or Remove function (located at the bottom of the pane). Figure 4-16 shows an open account pane, Figure 4-17 shows an open site pane, and Figure 4-18 shows an open group pane.

MCE Gold Administration Accounts Accounts Accounts Accounts Administrator Administrator Administrator Administrator Devid McCannes Equi Macheolate Equi Macheolate Base Gorgas Gorgas Gorgas	Account Summary Account Type Logoni0 Tate Fint Name Last Name Discussed Name Bestryffen	Administrator Administrator Administrator Administrator		
BMCD Bourbeast Bourblance Sourblance Arconstructure Arconstructure Arconstructure Arconstructure Arconstructure	Status Account Activity Cheir System Activity Cheir Site and Groups	e k and see ≓logge	t in	
Shoco Southeast Southeast Southeast Southeast Tech Support Training Validate	Status Account System Activity Cher Site and Groups Dee	k and see if logger	t in Oroup	Assigned
G BMCD G Southeast G SouthShore G Foch Support G Training Volicione	Status Account Active System Active Site and Groups Dife Genges	k and see # logger	t in Oroup Tester	1 Assigned
G SMCO G Southeast G SouthEnter Training Validate	Status Account Active System Active Site and Oroups Dire Gregon Round Book	k and see if logger Assigned	t in Oroup Tester Tester	1 Assigned
G BMCO G Southeast G SouthEnore G Tech Busport G Velidee	Status Active System Active Site and Groups Dee Groups Round Rock SMCD	Assigned	t in Oroup Tester Tester No groups on site	
4 BMCD 4 Bourheast 5 Bourheas	Status Active System Active Cher Site and Groups Dre Gogee Round Rock Suffce Southeast	k and see 2 logger	Tester Tester Tester No groups on site No groups on site	
- Gg BMCD - Gg BMCD - Gg BMCB - Gg BMCB - Gg Hone - Gg Veldele	Status Action System Activity Cried Site and Oroups Dre Gauges Roand Rock SMCO Southeast SouthStare	Assigned	Tester Tester Tester No groups on site No groups on site	1 Assigned
ag bideo and bideo ag Biowentian ag Biowentian ag Biowentian ag Values ag Values	Status System Active System Active Cher Dife Compar Roand Rock Southeast Southeast Tach Support	Assigned	Tester Tester No groups on site No groups on site No groups on site Training	

Figure 4-16: Account Summary



Figure 4-17: Site Summary



Figure 4-18: Group Summary

Create a Site

Select the Create Site icon in the tool bar. In the Create New Site Wizard window, Figure 4-19, enter the Site Name and click **Create Site**. Note: The Create Site button does not appear until a name has been entered in the Site Name text box.



Figure 4-19: Create New Site Window

The Create New Site Wizard window shown in Figure 4-20 opens, which allows you to add accounts to the group and/or add a new group to the site.



Figure 4-20: Create New Site Wizard

Create New Group

Select "Add new group to this site" from the Create New Site Wizard. Note: A new group may be created using the Create Group 🙀 icon on the tool bar. If the tool bar icon is used

a site must be highlighted first.

The Create New Group Wizard window shown in Figure 4-21 opens. Fill in the Group Name (required) and a description (optional). Click **Next**. Note: the Next button doesn't appear until a name is entered in the Group Name text box.

🔜 Create New G		
New Grou	p Information	
Group Name	Training (required)	
Description	Training and Technical Support)

Figure 4-21: Create New Group - New Group Information

Select a Group Type, Figure 4-22. *Global Group* makes a copy of the group and adds it to each site. *Local Group* applies the group to the site you are creating or have highlighted in the Sites folder.

For this example we chose Local Group. Note: the Create Group button does not appear until a selection has been made. Click **Create Group**.



Figure 4-22: Create New Group - Select a Group Type

In the Edit Group Rights window, Figure 4-23, place a check mark in front of the rights/ functions that you are assigning to this group. When all rights have been chosen, click **OK** Group Rights window open.

😸 Edit Group Rights Choose the rights for the selected group Perform Tests 🔲 Set Baseline Set Alert/Alarm Save Test Setup 🗌 Change Plant Layout Delete Tests Delete/Edit Notes 🗖 Add Notes Set Condition Code C Add Motor Establish/Edit Watchlists 🔲 Synchronize Apply Cancel

to assign the rights and close the window or **Apply** to assign the rights and leave the Edit

Figure 4-23: Edit Group Rights

The site with the new group is added to the Sites folder or the new group is added to the highlighted site. The Create New Group Wizard window remains open.

If you are adding a new site it is now necessary to add accounts to the new group. See Add Accounts to Group on this page.

If you are not adding a new site, click **Finish**. The Create New Group Wizard window closes.

Add Accounts to Group

In the Create New Group Wizard window (Figure 4-24) select "Add accounts to this group."



Figure 4-24: Create New Group Wizard

In the Select Account window shown in Figure 4-25, click each box in front of the names of the accounts you wish to add to the group. Remove a check mark by clicking on it. When all of the accounts have been selected, click **OK**. Click **Finish** in the Create New Group Wizard.



Figure 4-25: Select Account Window

Create a New Account

To create a new Account, highlight a site and select the Create Account $\frac{1}{9}$ icon on the tool bar. The Create New Account Wizard window opens, Figure 4-26. Fill in the text boxes. All are required fields except Company Name, Email Address, and Description. Click **Next**. Note: The Next button does not appear until the last required text box is filled in.

😬 Create New Acc	ount Wizard	
New Accou	nt Information	
Logon ID		(min. Length 5) (require
Display Name		(required)
Password		(min. Length 5) (required
Confirm Password		(min. Length 5) (required)
Company Title		
First Name		(required)
LastName		(required)
Email Address		ie) joe@company.com
Description		\Box

Figure 4-26: Create New Account - New Account Information

Select the Account Type in the next Create New Account Wizard - Select An Account Type window, Figure 4-27. The choices are Administrator, User, or Guest. A description of the account type is provided at the bottom of the window when the mouse hovers over the account type.

🐖 Create New Account Wizard	
Select An Account Type	
C Administrator	
C User	
Guest	

Figure 4-27: Create New Account- Select an Account Type

Click **Create Account**. Note: This button does not appear until an account type has been selected.

Click **Finish** in the Create New Account Wizard - Assign Account to a Site and Group window, Figure 4-28. This adds the account to the Accounts folder and to the highlighted site, but without a group assignment.

💀 Create New Account Wizard
Assign Account To Site And Group
Add this account to more sites. You can choose to modify this account's site assignments at this time or perform this action later.
Add this account to a group. Any account assigned a site but not a group will be given read- only rights to that site.
Note : If you do not have rights to add a person to a site and you think this is in error, please contact your administrator.
Finish

Figure 4-28: Create New Account - Assign Account to Site and Group

Assigning Group Assignments and Account Rights

Group assignments and rights may be added from the Account Manger window (see Edit Account on page 4-14) or from the Create New Account Wizard - Assign Account to a Site and Group window, Figure 4-28.

If using the Create a New Account Wizard, select "Add this account to more sites" or "Add this account to a group."

Add this account to more sites. Select "Add this account to more sites" from the Create New Account Wizard - Assign Account to a Site and Group window, Figure 4-28. In the Select Sites window, Figure 4-29, click on the box in front of the sites to be added or removed and click **OK**.

🔜 Select Sites	
Logon : Martin	1
Name : Martin Martin	
Display Name : Martin	
Assign the account(s) to any availble sites.	r
Available Sites List	
Select all that are appropriate.	
Daniel	
North Shore	_
C Scholz	
🗖 Smith	
🔽 South Beach	
🗖 Warehouse	
	7

Figure 4-29: Select Sites

Add this account to a group. Select "Add this account to a group" from the Create New Account Wizard - Assign Account to a Site and Group window, Figure 4-28. In the Select Groups window, Figure 4-30, click on the box/es in front of the group/s to assign the account to. Click **OK**.

🖶 Select Groups	
Assign the agent to any available groups.	
Available Groups List Select all that are appropriate.	/
Daniel - Store Room	
Daniel - Tester North Shore - Training	
🗔 Scholz - Tester	· · · · ·
🔲 Smith - Tester	
Smith - Training	
South Beach - Training	
Warehouse - Training	5

Figure 4-30: Select Group

In the Create New Account window, click Finish.

Editing Account, Group, and Site

Edit Account

In the Account Manager window, highlighting an account name in the Account folder in the left pane causes the Account Information to display in the right pane as shown in Figure 4-31. At the bottom of the pane are options to Edit Account and Remove Account.

Account Informatic Account Type Logon ID : Title : First Name : Last Name : Displayed Name : Email : Description :	on Guest Martin Technician Martin Martin Martin Martin@co	mpany.com		
Status Account Activ System Activity Che	/e ck and see if logge	d in		
Site and Groups	Accigned	Group	Accigned	
one	Assigned	<u>0100p</u>	Assigned	
Daniel		Store Room Tester		
North Shore		Training		
Scholz		Tester		
Smith		Tester Training		
South Beach		Training		
Warehouse		Training		
Edit Account Remove Account				

Figure 4-31: Account Manager - Account Information

Selecting Edit Account opens the Edit Account window shown in Figure 4-32. There are three tabs for information that can be edited: Details, Role Type, and Assignments.

Details. The Details tab, Figure 4-32, allows you to change the name, password, email, and description.

🔜 Edit Account			Ē
Details Role Type	Assignments		
Logon ID	Martin		
Display Name	Martin	(required)	
Password	Change Password		1
Company Title	Technician		
First Name	Martin	(required)	
LastName	Martin	(required)	
Email Address	Martin@company.com	ie) joe@company.com	
Description			
			_
Status	🗹 Account Active		

Figure 4-32: Edit Account - Details

Role Type. The Role Type tab, Figure 4-33 allows you to change between Administrator, User, and Guest.



Figure 4-33: Edit Account - Role Type

Assignments. The Assignments tab, Figure 4-34 allows you to add the account to another site and/or group.



Figure 4-34: Edit Account - Assignments

When all edits have been made to the account click OK.

Remove Account

To remove an Account select Remove Account at the bottom of the Account Information pane of the Account Manager window. You may also right click the account name and select Remove from the list. The Remove Account window, Figure 4-35, asks you to verify removal. Click **Yes**.

Remove Account
You are about to permanently remove the following account.
Logon : Martin Name : Martin Martin Display Name : Martin
Are you sure you want to continue?

Figure 4-35: Remove Account

Edit Group

In the Account Manager window, open the site folder and highlight the group you wish to edit. The bottom section of the right pane will display the Edit Group function. Click **Edit Group**. The Edit Group Wizard window, Figure 4-36, opens.

🔜 Edit Group Wiza	rd		
Details Assignments			1
Group Name	Training	(required)	1
Description			7

Figure 4-36: Edit Group Wizard

Select the Assignments tab. The Edit Group Wizard window opens with the Edit the Group Rights and Edit Account Assignment for This Group functions. Select the desired function.

Edit the Group Rights. The Edit Group Rights window opens. This window is discussed on page 4-11.

Edit Account Assignment for This Group. The Select Account window opens. This window is discussed on page 4-11 as Add Accounts to Group.

Remove Group

You may remove a group from the site by clicking the Remove Group command at the bottom of the right pane. You may also right click the group name and select Remove from the list. The Remove Group window shown in Figure 4-37 opens. Verify this is the group you wish to remove and click **Yes**.

Remove Group	×
You are about to permanen	tly remove the following group.
Group Name : Account(s) in group : Site(s) with group : WARNING : Any accounts a Are you sure you want to c	Training 2 I ussigned to the group may have read only privileges until assigned to a new group. ontinue?
	Ves No

Figure 4-37: Remove Group

Edit Site

Highlight a site folder in the left pane of the Account Manager window. Click the Edit Site command, which is located at the bottom of the right pane. You may also right click on the site name and select Edit This Site. The Edit Site Wizard window, Figure 4-38, opens. You may change the site name under the Details tab or select the Assignment tab to Add accounts or a new group to the site. See Figure 4-39.

	Edit Site Wizard			
0	Details Assignments			(
	Site Name	Training	(required)	
				5

Figure 4-38: Edit Site Wizard Window

Select the function you wish to perform. These functions have been discussed earlier in this document. Add accounts is located on page 4-11, Add Accounts, and Add new group is located on page 4-10, Create New Group.

🖶 Edit Site Wizard	
D. 1. Assimments	
Details Assignments	
Add accounts to this site	
Assign existing accounts to this site. Add new group to this site	
Creates a new group amd adds it to this site.	

Figure 4-39: Edit Site Wizard Window

FIELD TESTER, LOCAL AND NETWORK

When signing on to MCEGold with a tester, the options are to sign on as a Field Tester Local or a Field Tester Network. See Figure 4-40.

A *Field Tester Network* is attached to the network either physically or wirelessly. It can perform test and analysis using the network database and/or data sync.

A *Field Tester Local* is one that has already DownSynced and is not attached to the network. In order to sign on as a Field Tester Local you must have already signed on to the network as a Field Tester Network, DownSynced, and signed off of the network.

	CEG§ld
Name	smith
Password	ининин
Server	MCEGold 2.01.01
Login Mode	Field Tester Local
Testing Mode	Field Tester Local Field Tester Network
	OK Cancel

Figure 4-40: MCEGold Tester Login

DataSync

DataSync is performed in Login Mode Field Tester Network only.

DownSync

DownSync copies the selected assets from the network to the Field Tester Network according to the selections made in the DataSync Preferences window.

To DownSync (download) assets from the network to the tester:

- 1. Connect the tester to the network.
- 2. Enter your name, password, and select Field Tester Network from the Login Mode drop down list. See figure 4-40. Click **OK**.
- 3. Highlight the assets to be tested on the Site Navigator or the WatchList, and click the DataSync 🗱 icon on the tool bar. The DataSync window, Figure 4-41, appears.

Options			
Local Machine	Paste Selection	Remove from Sym	2
	👬 🕅		

Figure 4-41: DataSync Window



4. Verify the DataSync preferences by selecting Options, Preferences form the menu. The DataSync Preferences window, Figure 4-42, opens.

C DataSync Preferences		
Copy tests to tester		Last baseline only
Filter test	Starting	11/17/2007
dates	Ending	12/17/2007
Copy message to tester		Include Attachments
🦳 Filter message dates	Starting	11/17/2007
	Ending	12/17/2007 💌
🔲 Clear deleted assets on u	ipsynch	
Refresh local assets		Cancel OK

Figure 4-42: DataSync Preferences Window

A function is activated by placing a check mark in the box preceding the function. To disable the function remove the check from the text box.

Copy tests to tester

Copy Tests to Tester is the default, but may be disabled so that no test data is copied to the tester. If it is selected, the options are to copy Last baseline only (default) or Filter test dates.

Last Baseline Only. Use Last Baseline Only to datasync only the test results for the last baseline. Last baseline only is the default. If Filter Test Dates is selected Last Baseline Only is deselected.

Filter Test Dates. Use Filter Test Dates if more than the baseline test is desired. Select a starting and ending test date from the drop down calendar or type the dates in the text boxes. If Filter Test Dates is selected the Last Baseline Only is automatically deselected.

Copy Message to Tester

Copy Message to Tester controls messages that are copied to the tester during the datasync. If it is disabled no messages are copied to the tester. If it is selected it may be modified to include all attachments and/or filter messages by starting and ending dates.

Note: Keep in mind the more test data, information, and attachments you download the larger your database on the tester will be.

Include Attachments. Copy Message to Tester (default) must be selected before Include Attachments can be selected. When a datasync is performed attachments with notes will be copied to the tester.

Filter Message Dates. Use Filter Message Dates if messages in a certain date range are desired. Select a starting and ending date from the drop down calendar or type the dates in the text boxes.

Clear Deleted Assets on Upsync

If an asset has been deleted from the network while it was downsynced to the tester, selecting Clear Deleted Assets on Upsync will delete the asset and it's test results from the tester.

Refresh Local Assets

Refresh local assets is used to control overwriting changes to an asset on the tester. If the box is checked and a change has been made to the asset on the tester and that asset is downsynced again from the network, the information on the server will overwrite the tester. If the box is unchecked and the asset is downsynced again from the network, the asset will not be overwritten during the downsync.

- 5. Make desired selections in the DataSync Preferences window and click OK.
- 6. Click **Paste Selection** on the DataSync window. A list of the selected assets will appear in the DataSync window. See Figure 4-43. If you need to remove one or more assets, highlight the asset and click **Remove from Sync**. When you are satisfied with

the assets in the list click the DownSync button **a** at the bottom of the window.

Note: If an asset has been selected to downsync that is not in a WatchList it will be placed in a folder labeled Unassigned Assets. If it is included in a WatchList it will be placed in a folder labeled with the WatchList name.

C DataSync			
Options			
Local Machine	Paste Selection	 Remove from Sync 	
Cocal Mac	hine st Filler Yard 9 Blower #4 9 Blower #5 son's Route 9 Bor Bar 9 Blower #4 9 P-5 9 P-6 9 Blower #4 9 Blower #4 9 Blower #5 9 P-5 9 P-6		
Ready to sync 5 assets	ε.		1.

Figure 4-43: DataSync Window

7. The DataSync window displays the datasync progress and a message appears when the datasync is complete. Click **OK**. The Condition Code icon in front of the asset changes to a check mark. See Figure 4-44.



Figure 4-44: DataSync Window After DownSync

8. Close the DataSync window. Disconnect the tester from the network.

UpSync

UpSync uploads to the network server the asset data added to the Field Tester Local database, but leaves the assets and their data on the tester.

To UpSync to the network server database:

- 1. Connect the tester to the network.
- 2. Enter your name, password, and select Field Tester Network from the Login Mode drop down list. Click **OK**.
- 3. Click the DataSync 🗱 icon on the tool bar. The DataSync window shown in Figure 4-45 opens.

C DataSync		
Options		
Local Machine	Paste Selection	Remove from Sync
E- Cocal Mac	hine st Filler Yard Blower #4 Blower #5	
	assigned Assets Blower #4 Blower #5	\sim

Figure 4-45: DataSync Window - Field Tester Network

- 4. Click the UpSync 📰 button located at the bottom of the DataSync window.
- 5. The DataSync Progress window displays the progress of the sync and a data sync complete message at the conclusion.

6. Click **OK**. The progress window closes and the Data Sync window remains open. You may take further data sync action or close it.

Two Way Sync

Two Way Sync is used to UpSync new data added to the Field Tester Local database and DownSync new data that has been added to the network database since the last DownSync.

To Two Way Sync:

Follow steps 1 - 3 in the UpSync section on page 4-22.

- 4. Click the TwoWaySync 🐺 button located at the bottom of the DataSync window.
- 5. The DataSync Progress window displays the progress of the sync and a DataSync complete message at the conclusion.
- 6. Click **OK**. The progress window closes and the DataSync window remains open. You may take further data sync action or close it.

Clear Local Database

Clear Local Database gives the option to upsync data to the network and then clear the data from the tester.

To Clear Local Data follow steps 1 - 3 in the UpSync section on page 4-22.

- 4. Click the Clear Local Database 🙀 button located at the bottom of the DataSync window.
- 5. The Clear Local Data window shown in Figure 4-46 opens.



Figure 4-46: Clear Local Data Window

- 6. Click **Yes** to upload data before deleting it or **No** to delete the data without an UpSync.
- 7. The DataSync Progress window displays the progress of the sync and a DataSync complete message at the conclusion. Click **OK**.
- 8. If the data was upsynched or if No was selected in step 6, the Clear Local Data window remains open, however the message has changed. See figure 4-47.



Figure 4-47: Clear Local Data Window

- 9. Click **OK** to delete the data or click **Cancel** to return to the DataSync window without deleting the data.
- 10. If you click **OK**, the asset list is removed from the DataSync window and a message box (Figure 4-48) informs you the database is cleared.

×
Local Database has been cleared. Please restart the DataSync.
ОК

Figure 4-48: Local Database Cleared

11. Click **OK** to close the DatasSync window.

Field Tester Local

You must have DownSynced asset data as a Field Tester Network before being able to start the tester as a Field Tester Local.

To start the Field Tester Local:

- 1. Enter your name, password, and select Field Tester Local from the Login Mode drop down list.
- 2. Click **OK**. The home window of the Field Tester Local displays the WatchList and Message Center windows only. The Site Navigator, Site Condition, and DataSync buttons are not available. See Figure 4-49.

C MCEGold - Field Tester Local (lou1WCEGold:	MCEGold_FT) Va	lidate					
File Options Asset Manager Message	Windows Help							
Asset Summary Name Plate	et Test History	Warning Settings	Test Selection	Search Watch List	MCE Auto Emax Auto	Fault Zones	Message Export	Tile Report
😍 Watch List Noah1 TriBay	East Filler Ya	ur d						Z
File Edit								
Filter Empty Watchlists	Order	Filter Unav	ailable Assets					
∰ — ‡ MyLiat — ‡ Noah — ⊒ Trîđay — ⊒ Trîđay — ⊒ East Filler Yard	0rder ♥ 1 2 3 4 5 6 7 8 9 G 10 S	Citicality Not Available Not Available Not Available Not Available Not Available Not Available Not Available 5 1	Name PF-7.18 PF-7.10 PF-7.10 PF-7.10 PF-7.11 PF-7.12 PF-7.15 PF-8.68 Blower #4 Blower #5	Type Not Available Not Available Not Available Not Available Not Available Not Available Not Available Not Available AC Induction Mot AC Induction Mot	Last Emax Tr or 8/25/2002 12:1 or 8/26/2002 12:3	est Date Las 4:46 PM 10/16/ 6:25 PM 8/26/2	2007 10:48:09 AM	Lest Condition Chr 12/3/2007 4:13:01 PM 10/8/2007 2:42:53 PM
Name : East Filler Yard Date Created : 200708- 141195852 Site Name : InBay Is shared? : True Items Count : 10 Description : John's route list.	Select All						10 Ås:	sets O Selected
	the second s			-		and the second se		

Figure 4-49: Field Tester Local - Home Window

If a selected asset resides on more than one WatchList or folder, when a DownSync is performed the complete list of assets in each WatchList or folder containing the selected asset is DownSynced. Data will not be DownSynced for the unselected assets and the asset will be labeled "Not Available."

3. The unselected assets can be hidden by using the Filter Empty WatchLists or Filter Unavailable Assets functions. See Figure 4-50.

In the left pane, place a check in the Filter Empty WatchLists box to hide any list that has no selected assets in it. They will be designated with the term Unassigned Assets.

In the right pane, place a check in the Filter Unavailable Assets to hide assets that were not selected. They will be designated with the term Not Available under the Criticality column.

The empty WatchLists and unselected assets will disappear from the window. See Figure 4-51.

🔷 Watch List Noah1 TriBay	East Filler Ya	ur d			1
File Edit Filter C	heck Box				
Filter Empty Watchlists	Order	🥕 🥅 Filter Unava	ailable Assets	Not	Selecteu
🖵 🐂 MyList	Order	Criticality	Name	Type	Last Emax Test D
🖃 🚽 InBay	1	Not Available	PF-7.1B	Not Available	
Unassigned Assets	2	Not Available	PE-7.1A	Not Available	4
E 📲 Site 2	3	Not Available	PF-7.1C	Not Available	
Unassigned Assets	4	Not Available	PF-7.1D	Not Available	
E Site 1	5	Not Available	PF-7.1E	Not Available	bar
Unassigned Assets	6	Not Available	PE-7.1F	Not Available 🛛 📐	lecte
⊡ • Noah1	7	Not Available	PF-8.6A	Not Available	50.
E InBay	8	Not Available	PF-8.6B	Not Available	
East Filler Yard	9 G	5	Blower #4	AC Induction Motor	🛁 8/26/2002 12:14:46 PM 🚽
	10 ら	1	Blower #5	AC Induction Motor	8/26/2002 12:36:25 PM
Name : East Filler Yard Date Cro					(



😍 Watch List Noah1 TriBay	East Filler Y	ard		1	
File Edit			A	red	
Filter Empty Watchlists	Order	🔽 Filter Unava	ilable Assets	Filter	
🛨 🕂 🕈 MyList	Order	Criticality	Name	Туре	
⊡… ¢ Noah1	9 G	5	Blower #4	AC Induction Motor	8/26/26
🖃 🎍 Triblay I 🚔 East Filler Yard	10 S	1	Blower #5	AC Induction Motor	8/26/200
		/			5

Figure 4-51: WatchList Filtered for Unavailable Assets

4. Select the asset to be tested and click either the Test Selection , MCE Auto

, or EMAX Auto icons on the tool bar. Testing procedures are discussed in Chapter 5, MCE; Chapter 6, EMAX Current Analysis; and Chapter 7, EMAX Power Analysis.

5. At the completion of testing, shut down the tester, then connect to the network and follow the procedures for UpSync on page 4-22.

Deleted and New Assets Folders

The Site Navigator window is available on the Field Tester Network and the Desktop only. Under certain conditions during an UpSync two new folders are automatically created by the MCEGold software. They are Deleted Assets and New Assets. See Figure 4-52.

Site Navigator		
Location NTraining		
New Assets Deleted Assets Deleted Assets Deleted Assets Deleted Assets Deleted Assets Deleted Assets Doctopex Examples Wound Rotor Mtr Doctor Mtr Doctor Mtr Doctor Mtr Doctor Mtr Doctor Assets	Criticality	New Assets Public Aquarium Deleted Assets DA Complex Examples DA Complex Examples Wound Potor Mtr Synchronous Mtr DC Motor Test Folder
		Assets 0 Selected

Figure 4-52: Site Navigator - Deleted Assets and New Assets Folders

Deleted Assets Folder

If an asset in the network database has been deleted, while it has been DownSynced to the Field Tester and an UpSync is performed, a new folder labeled Deleted Assets will be created and the asset placed in that folder during the UpSync process. See Figure 4-53. At the end of the UpSync it can be processed by right clicking on the asset and selecting the appropriate action.



Figure 4-53: Site Navigator - Deleted Assets Folder

New Assets Folder

If an asset is added to the Field Tester and an UpSync is performed, a new folder labeled New Assets will be created and the asset placed in that folder. See Figure 4-54. At the end of the UpSync it can be moved to the desired location in the network database by right clicking on the asset and selecting Move Asset.



Figure 4-54: Site Navigator - New Assets Folder

Tutorials

There are short audio/video tutorials included in the software. These are Home Window, Site Condition, Site Navigator, WatchList, and Message Center. Depending on your software version you may have additional tutorials.

To view the tutorials, select Help on the menu bar, then Tutorial, and the tutorial you wish to view. It will begin playing automatically.