



## **MOBILE CHECKLIST D: CONFIGURE FIELD UNITS 2-N**

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After the first Field Unit is completely configured and has passed all tests, follow one of these two options to configure the remaining Field Units.

### **OPTION 1: CLONE FIELD UNIT 1**

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If the remaining Field Units can be built from scratch, cloning is the simplest configuration method.

- Verify that all software and settings, including non-ArcFM software, are in place on Field Unit 1.
- Using Ghost or other disk-cloning software, create an image of Field Unit 1.
- Apply the image to each of the Field Units 2-N.
- Download unique ESRI and Telvent license files to each of the Field Units 2-N.

### **OPTION 2: CONFIGURE EACH FIELD UNIT INDIVIDUALLY**

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Cloning may not be practical if each of the remaining Field Units contains files that must be backed up and restored to that specific machine. In such cases, you will configure Mobile in the existing environment, by copying the necessary configuration files from Field Unit 1 to a network drive, then downloading those files to each of the remaining Field Units.

Remember to use ArcCatalog to copy database files. Copying database files through Windows can cause file corruption.

- Create a shared folder in a location accessible to all Field Units, e.g. on the Enterprise Server.
- For all implementations, copy from Field Unit 1 to the shared folder:

- **Login database** (use ArcCatalog!). This file should also be available on the Enterprise Server.
- Client **ReplicationConsole.exe.config**
- ☐ For all Viewer-based implementations (View-Only, Redliner, Inspector), on Field Unit 1:
  - Start the ArcFM Engine Viewer Administrator. On the Layout and Licenses tab, use the Export button to export the settings to a **Master.custom.layout** file. Copy this file to the shared folder.
  - Copy \Program Files\Miner and Miner \ArcFM Solution\Bin\Xml\ **DatabaseConnections.xml** to the shared folder.
  - Copy Documents and Settings\  
<username>\Application Data\Miner and Miner\ArcFMViewer\  
**ArcFMViewer.exe.layout** to the shared folder.
- ☐ For Redliner and above, copy the **Field SessionManager** or **Field WorkflowManager** database to the shared folder.

Next you will install the necessary software and licenses on Field Units 2 – N.

- ☐ For all implementations
  - Install ZIP
  - Copy the necessary ESRI and Telvent license files to each Field Unit
- ☐ For all Viewer-based implementations (View-Only, Redliner, Inspector) install
  - ESRI: ArcGIS Desktop (ArcMap), ArcGIS Engine SDK, or ArcGIS Engine Runtime
  - Telvent: ArcFM Viewer for ArcGIS Engine

- For Mobile ArcFM install
  - ESRI: ArcGIS Desktop (ArcMap)
  - Telvent: ArcFM
- For Mobile Designer install
  - ESRI: ArcGIS Desktop (ArcMap)
  - Telvent: Designer

For each of the Field Units 2-N, you will create a base path and copy files from the shared folder.

- Create a folder with same name and drive letter as the Field Unit 1 base path folder.
- Using ArcCatalog, copy the **Login** database from the shared folder to the new Field Unit base path folder.
- For all Viewer-based implementations (View-Only, Redliner, Inspector)
  - Copy the **DatabaseConnections.xml** file from the shared folder to \Program Files\Miner and Miner\ArcFM Solution\Bin\Xml
  - Copy the **ArcFMViewer.exe.layout** file from the shared folder to \Documents and Settings\\Application Data\Miner and Miner\ArcFMViewer
  - Start the ArcFM Viewer Administrator and import the **Master.custom.layout** file from the shared folder.
- For Redliner and above
  - Copy the **Field SessionManager** database or **Field WorkflowManager** database from the shared folder to the base path folder.

Next you will schedule the Update Request to run automatically, as a Windows Scheduled Task. The first time an Update Request runs, it will download the most recent Replica database from the Enterprise Server to act as the Backdrop database for this Field Unit..

- Use the Windows Scheduled Task wizard to schedule the ArcFM GDB Replication Client process.

***CHECKLIST END***

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