

Pre 2.0.0 Install Checklist

01/10/2024 2:03 pm EST

Pre-Install Checklist

- Is BoldNet installed? If not, it must be installed first. BoldTrak requires an SSL, verify this is in place with BoldNet as well.
- Are the latest files downloaded for Installation? (read the initial steps of Install BoldTrak for file details)
- Are all windows updates completed?
- Download the latest BoldTrak installer.
- Is the customer at least on version 1.6.1?
- Is MediaGateway version 2 installed? If not, it must be installed first.

Install BoldTrak

- Grab the latest BoldTrak files
 - There is no installer, you will need the BoldTrak zip from the distributer files (Update 1 in 1.6.3)
 - Download new_tables.sql and moptions.sql to the server. These are found in the BoldTrak folder of Critical Software on FileServer01
- Create a BoldTrak User
 - Open the Operator Workstation on the primary manitou server.
 - Open the Monitoring Company (Maintenance ? Monitoring Company)
 - Open Contact List from the Right Hand Jump To Menu.
 - Enter Edit Mode
 - Select Add (located above the contact list)
 - Specify BoldTrak as the name and select OK
 - Under Passwords, specify BOLDTRAK for both the Password and Web Access ID.
 - Set the Web Profile to Administrator
 - Select the WWW tab from the right hand side located next to the jump to menu. (shows a picture of a head above www)
 - Select Add under Web Membership - BoldNet User Accounts.
 - Specify BoldTrak As the Username and Full Name
 - Enter as the Email
 - Enter DO NOT DELETE for a comment
 - Set the password to BoldTrak and confirm the password.

- Set BoldTrak as both the security question and answer as well.
- Select OK and Select Save
- Create the BoldTrak Website
 - On the BoldNet Server, open the wwwroot folder (typically located at C:\inetpub\wwwroot)
 - Extract the BoldTrak.zip package and place the extracted BoldTrak folder within the wwwroot folder.
 - Open Internet Information Services (IIS) (found in administrative tools)
 - Within IIS, expand the Server Name
 - Expand Sites and Expand Default Web Site
 - BoldTrak will be displayed as a child folder of Default Web Site, if not, verify the Boldtrak files are placed in the wwwroot folder
 - Right click on BoldTrak and select Convert to Application.
 - Leave all options as defaults and select OK
 - BoldTrak will use the same SSL as BoldNet the URL will be https://<URL from Cert>/BoldTrak
 - SAVE THIS URL for quick reference, it will be used for later configuration.
- Setup the MOptions
 - Open SQL Server Management Studio on the Primary Server
 - Logon to the local database (Make sure you are on the primary database)
 - Open the moptions.sql file downloaded previously from Critical Software
 - Within the script there are 3 lines, one for the BoldTrak URL, one for the Web User for BoldTrak, and one for the corresponding password.
 - Edit the first line and replace http://boldtrak/boldtrak with the BoldTrak URL (See right to help determine the BoldTrak URL)
 - Edit the second line and replace BoldTrak with the web username previously created (BoldTrak if instructions followed exactly.)
 - Edit the third line and replace BoldTrak with the web password previously created (BoldTrak if instructions followed exactly.)
 - Run the now edited script by pressing Execute or hitting F5 on the keyboard.
- Add the new tables
 - Open SQL Server Management Studio on the Primary Server
 - Logon to the local database (Make sure you are on the primary database)
 - Open the new_tables.sql file downloaded previously from Critical Software
 - Run the script by pressing Execute or hitting F5 on the keyboard
 - This script will create the new tables, or will present error messages if the tables already exist. If the tables exist, proceed to the next step
- Add the Event Codes for BoldTrak
 - Open the Supervisor Workstation on the primary server

- Open Event Codes (Maintenance ? Events ? Event Codes)
- Enter Edit Mode
- Select Add
- Enter "*GOUT" (without quotes) into the Event Code Text Field Box.
- Enter "GeoEventViolateOut" (without quotes) into the Description Text Field Box.
- Select OK
- Change the Event Category to General Alarms
- Set the Priority to 5
- Set the first column warning level to 90 and the danger level to 180
- Set the second column warning level to 60 and the danger level to 90
- Select OK
- Repeat the same steps to add the Following Codes and Descriptions
- *GIN - GeoEventViolateIn
- *GROUT - GeoRestoreViolateOut
- *GRIN - GeoRestoreViolateIn
- *GCR - GeoEventViolateCross
- *GLOC - GeoEventViolateLocat ?
- *GSPD - GeoEventViolateSpeed
- Recache the Broker process settings (This is to pick up the Moption changes made earlier)
 - Open the Supervisor Workstation if not already open
 - Open Processes (View ? Processes)
 - Select the Broker from the Application Type located under Processes
 - Select the ReCache button at the top Right
- Set the Mapping Type to BoldTrak
 - Open the Supervisor Workstation if not already open
 - Open Options (Tools ? Options)
 - Expand Location/GPS from the Options Navigation Window
 - Select Mapping Types
 - Enter Edit Mode
 - Select BoldTrak from the dropdown available under Mapping Types.
 - Select Save
- Install BrowserHost (this will need to be done on all Manitou servers and workstations)
 - Connect to the Manitou Server that has the distributer installed (typically the primary or first installed system)
 - Open the Distributer Folder (Typically C:\Program Files (x86)\Bold Technologies\Manitou\Distributer)
 - Open the package folder

- Open Package 14
- Copy all files from the folder
- Open the Manitou directory (Typically C:\Program Files (x86)\Bold Technologies\Manitou)
- Create a new folder called BrowserHost
- Within the newly created BrowserHost folder, paste the copied files from package 14.
- Create a zip of the BrowserHost folder and provide that to the customer. Give them instruction to place on all workstation manitou folders
- Update BoldTrak to the latest files
 - Connect to the Manitou Server that has the distributor installed (typically the primary or first installed system)
 - Open the Distributer Folder (Typically C:\Program Files (x86)\Bold Technologies\Manitou\Distributer)
 - From this folder, search for BoldTrak.zip
 - from the files found grab the latest BoldTrak.zip available (located in the highest update folder number)
 - Copy that BoldTrak.zip folder to the desktop of the BoldNet/BoldTrak web server.
 - Extract the content of that zip to its own folder on the desktop
 - Copy the extracted files (not the folder, but the files from within the folder)
 - Replace the files with the copied files within the boldtrak folder in inetpub (typically C:\inetpub\wwwroot\BoldTrak)
- Edit the BoldTrak configuration file to point to the correct URL
 - On the web server, open the BoldTrak folder (typically C:\inetpub\wwwroot\BoldTrak)
 - Right click on the Web.config file (may be just listed as Web if extension are hidden from folder view)
 - Select Open With...
 - Select Notepad (Select More Options if not listed and then select Notepad)
 - Within the configuration screen, scroll to the bottom
 - Between the client tagname/keyword there are four endpoints listed.
 - These will need to be edited to point to the expected address instead of the dev-09.boldgroup.com address
 - Grab the previously saved/used URL that was placed in the database (specified in the MOptions script)
 - From the saved URL grab the address portion located between https:// and /Boldtrak
 - Replace dev-09.boldgroup.com with the correct address
 - The format of the endpoint address should now have https://<Base Website URL>/BoldNet/....svc
 - Save the configuration file
- Test Loading BoldTrak directly from a browser.
 - On the web server, Open IIS (Internet Information Services)
 - Expand the server from the connections pane
 - Expand the Sites folder Located under the Server
 - Expand Default Web Site

- Right Click on BoldTrak and open Manage Application ? Browse
- Internet Explorer will now open and connect to BoldTrak (typically is hidden behind IIS during open on Server 2012)
- Use the credentials previously created on the Monitoring Company (BoldTrak/BoldTrak)
- The page should now be loaded.
- Test Loading BoldTrak from a Client Workstation
 - Open the Operator Workstation on any machine
 - Open Customer Maintenance (Maintenance ? Customer)
 - Select the Magnifying glass next to the Customer ID text field.
 - From Search Key 1 select Customer ID
 - Enter in SYS-REC1 for the value (or a * if nothing is returned from the search)
 - Select Search and if an entry shows in the Search Results select Load. (you may need to load a customer if they data, anything will do)
 - From the loaded customer, select GPS Tracking from the right hand Jump To Menu
 - a BoldTrak window will now open to load the customer.

Troubleshooting Client Workstation Loading

- Run BrowserHost.exe via the command line : browserhost.exe http://google.com
- If a dotNET error pops up, please install dotNET
- If you get a 500 error inside of the Client verify the MOptions url has https:// and the correct url