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Empower Inventory Viewer

Comprehensive automatic inventory mapping tool for your Empower Enterprise

Empower™ 3

VIEW YOUR EMPOWER ENTERPRISE IN A NEW WAY

Obtain fast and accurate visibility to critical information such as driver versions, firmware versions, serial numbers, configuration, and status for each system. Empower™ Inventory Viewer allows you to view a visual map of the systems and modules that are installed on your Empower Enterprise so that a clear overview can be displayed when planning upgrades or changes to your Empower environment.

DATA VIEWER

The Empower Inventory Viewer is made up of two components: a data collector and a data viewer which decrypts the information gathered from your installed Empower Enterprise environment. It is designed to accurately display information for your Empower nodes and systems in one place from across the entire network – with no manual intervention.
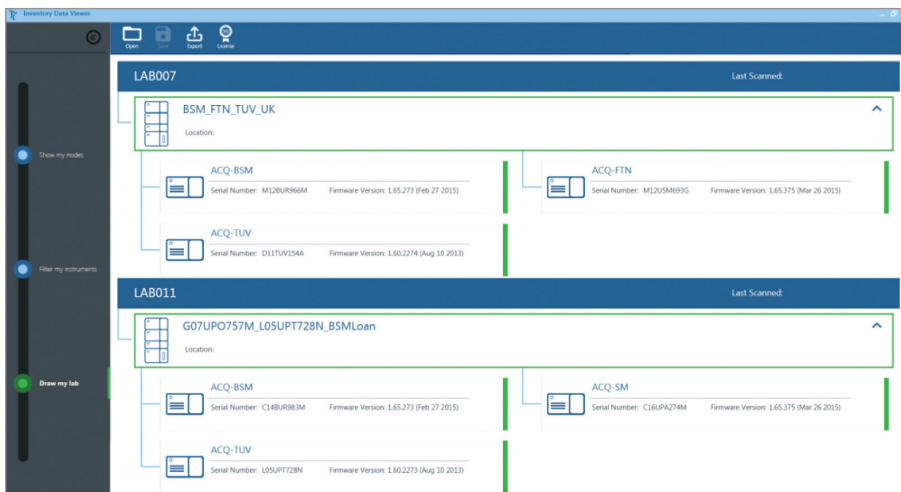

Figure 1. The Inventory Data Viewer, Draw my Lab view.

Empower environment

Collector installed on an Empower client

Viewer installed on *any* machine

Save time in both data collection and subsequent checking with Empower Inventory Viewer.

BENEFITS

■ **Easy installation**
Quickly get up and running with simple configuration

■ **Advance planning**
The Empower Inventory Viewer can assist with your next expansion, system wide update, or technology upgrade

■ **Save time**
No more searching for instruments during inventory

■ **Automatic data updates**
Easily configurable for scheduled updates to ensure data is not obsolete

■ **Multiple views of data**
Allows you to see your network as tabulated data or as a graphical representation

■ **Independent of Empower release cycle**
Supports Empower 3 FR2 and above

■ **Simultaneous data viewing**
Multiple users can use their own Inventory Viewer to view encrypted information simultaneously

SHOW MY NODES

The Show my Nodes dashboard displays information about each LAC/E box installed on your network.

Key features:

- See all modules and installed firmware connected to each node
- Node name
- Last boot time
- BIOS version
- Total/available RAM
- Domain
- Hotfix install count
- Empower version
- Service and Feature Release tracking
- Support Plan identification

Figure 2. The Show my Nodes dashboard provides the details of each LAC/E server, including its location, support plan ID, Service and Feature Release updates, and much more.

FILTER MY INSTRUMENTS

Utilizing a filter, you can select your entire Empower Enterprise or a single instrument depending on the information needed.

Key features:

- Module information
- Acquisition server connection name
- Number of modules in each system
- Installed firmware version
- Serial number
- System status
- Instrument name
- Communication category (IEEE or Ethernet)
- Last/Next service date
- Installed location

Figure 3. The Filter my Instruments dashboard allows you to select specific instruments, or your entire network. Here you will be able to see each system's configuration and detailed module information including firmware, serial numbers, and node connections.

DRAW MY LAB

Create a graphical representation of all instrument systems which are installed within the Empower Enterprise domain.

Key features:

- Graphical network map that is able to be exported in Adobe Acrobat or JPEG formats

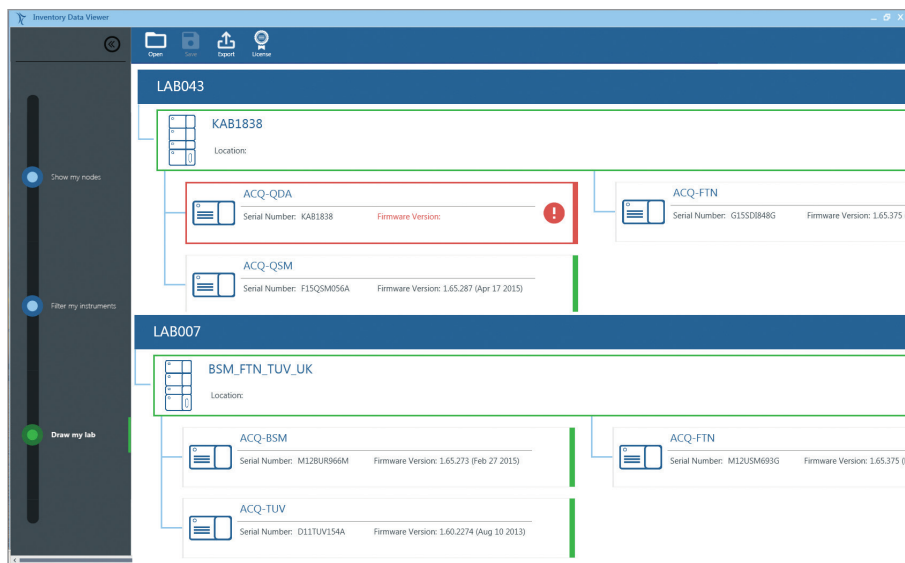- Changes to the validated installed configuration of Empower are also identified

Figure 4. The Draw my Lab dashboard provides a visual report of each system's status, configuration, and basic module information. It can be exported as an image file or in Adobe Acrobat format.

DATA COLLECTOR

The Data Collector is installed on a client within your Empower Enterprise and communicates with the Empower database to collect the necessary data from your instrument systems. It works in the background to gather the details of each node, system and module on your Empower Enterprise and is stored as an encrypted file to be used by the Data Viewer.

CONFIGURATION

The Data Collector Configuration page is designed for your Empower Administrator or Waters Professional Service Consultant to make the necessary connections and any adjustments to the Empower Enterprise.
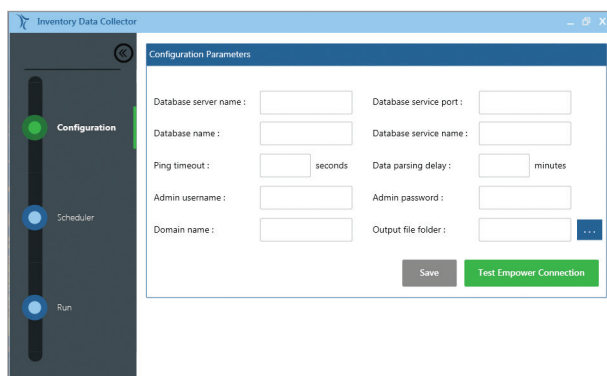

Figure 5. Your unique Empower Enterprise connections are made here and configured for your network.

SCHEDULER

The information from your Empower Enterprise can be generated at a frequency or on a schedule of your choosing to monitor any changes or updates, allowing you to focus on your daily lab operations.
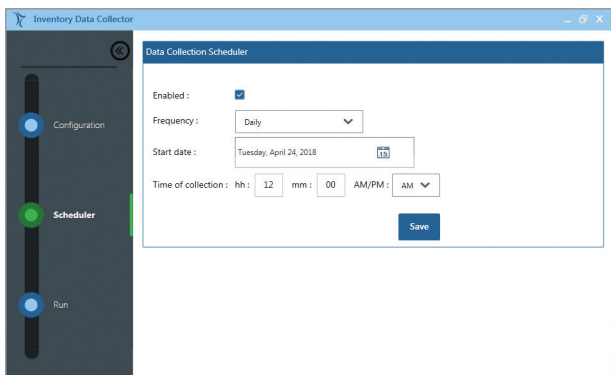

Figure 6. As an option, you are able to determine the frequency of data collection from your Empower Enterprise and store the information in an offline folder for future review.

- All of the data is presented in the local language of the Empower instance.

- Empower Inventory Viewer is intended to support all Enterprise instances of Empower 3 FR2 and forward. It will run on Windows 7 and 10 operating systems.

- The Empower Inventory Viewer has been developed under the control of the Waters Software Development Lifecycle and utilizing GAMP5 guidelines.

WATERS GLOBAL SERVICES

Delivering world renowned services and support

Waters Service and Support offerings are tailored to optimize your laboratory productivity while addressing your budget realities. Our offerings help maintain system peak performance, minimize down time, address scientific application challenges, and support stringent compliance requirements. As your services and support provider, we are committed to the success of your laboratory and business.

Waters quality support and consultative services ensure your success wherever your laboratory is located in the world.

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