AlcoMeasure

Server

Centralised Management Software

AlcoMeasure Server (AMS) is a set of software components designed to streamline the remote management of AlcoMeasure devices. It is designed to be used in parallel with the AlcoMeasure Utility (AMU) desktop program. Where AMU connects to individual devices for configuration and data retrieval, AMS remotely monitors any number of connected devices at once without the need for an operator.

AMS automatically downloads the test log and device status from all connected devices, storing them in a database for access by the client. It can also be configured to email alerts when a test result on any connected device is recorded above a configurable threshold.

AMS is designed to be deployed on a client's private network. The client can specify their own Microsoft SQL Server database or use the built in SQLite database. The database is completely open and accessible to the client, and the client is encouraged to take advantage of this and write their own software for data retrieval and browsing.

AMS provides a basic interface to the database in the form of a local web server. This interface is useful for seeing the state of the server, database and connected devices. It also provides the ability to view recent logs for all connected devices. It does not provide advanced data analysis tools. It is expected that the client will provide their own interface to browse the data.

To connect, the Server functionality must be unlocked in each AlcoMeasure device. They must also be configured with the Hostname/IP and Port of the AMS installation. Once configured, they will automatically connect to the server.

Specifications

Operating Systems	Microsoft Server 2012, 2016 Microsoft Windows 7, 8, 10
Databases	SQLite3 Microsoft SQL Server 2012 or newer, including Express versions
Web Browser	Google Chrome, Firefox, Microsoft Edge (Required for the web interface)
Connectivity	TCP/IP
Email functionality	Requires a separate SMTP server
Default Webpage Port	80
Default Device Port	26001
Licensing	Licensed per device connection Test mode (unlicensed) allows 2 device connections
Compatible Device Firmware	1.0800 and newer

AlcoMeasure

Manufacturer

Manufactured in Australia by All-Systems Electronics Pty. Ltd.
Website   www.all-systems.com.au

Distributor

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Ordering Information

To be advised.

Organisation