AlcoMeasure

Server

Centralised Management Software

Features

- Centralised device monitoring and management
- Real-time automatic log downloads
- Email notifications for Over-Limit tests
- Customisable HTTP notifications
- Remote User List management
- Data stored in client-owned database
- SSL/TLS device connection
- HTTP/HTTPS web connection
- Fully featured web interface for accessing data
- Printable test reports
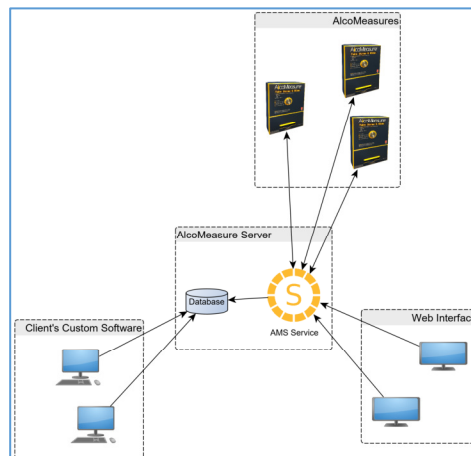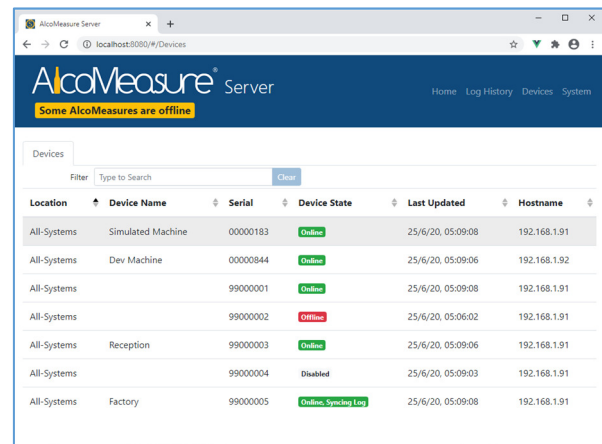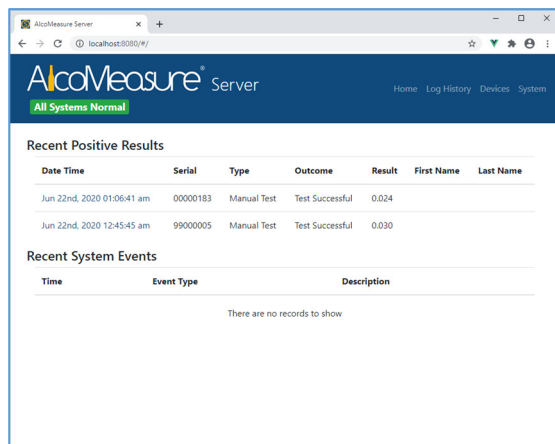- Managed on-premises by client
- Options to host in Microsoft Azure

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 send email or custom alerts when a test result on any connected device is recorded above a configurable threshold. Emails can also be generated by the system to notify if a device goes offline, and to periodically report the status of the server software. User lists can also be remotely managed.

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. It has also been tested in the cloud running in a Microsoft Azure virtual machine. Custom managed solutions hosted in the cloud are available at extra cost.

AMS provides a fully featured web interface with optional HTTPS security. This interface is useful for seeing the state of the server, database and connected devices. It also allows the user to browse the log history of all connected units, with advanced filtering options to find all relevant data. The web interfaces home screen also shows all recent over-limit tests, as well as any recent server events.

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, 2019 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, HTTP, HTTPS
Email functionality	Requires a separate SMTP server (Gmail, Outlook.com, or custom SMTP)
Default Webpage Port	80, 443
Default Device Port	26001
Licensing	Licensed per device connection Test mode (unlicensed) allows 1 device connection
Compatible Device Firmware	1.0800 and newer. Device serial numbers after 400 are required for HTTPS/SSL/TLS encryption. Contact the distributor for more information.

Manufacturer

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

Distributor

Distributed in Australia by Breathalyser Sales & Service Pty. Ltd.
Telephone   +61 2 8338 1555
Email   admin@breathalyser.com.au
Website   www.breathalyser.com.au

Ordering Information

All AlcoMeasure's to be connected to the server software must have the "Live" unlock feature.
This can be configured at time of purchase and can also be added to existing devices.

Licences for the server software must also be purchased, one for each device that is to be connected.
AMS comes with a single unlocked licence for evaluation purposes.
The software package can be downloaded from the AlcoMeasure GitHub Repository.

Contact Breathalyser Sales & Service for all sales and upgrade queries.