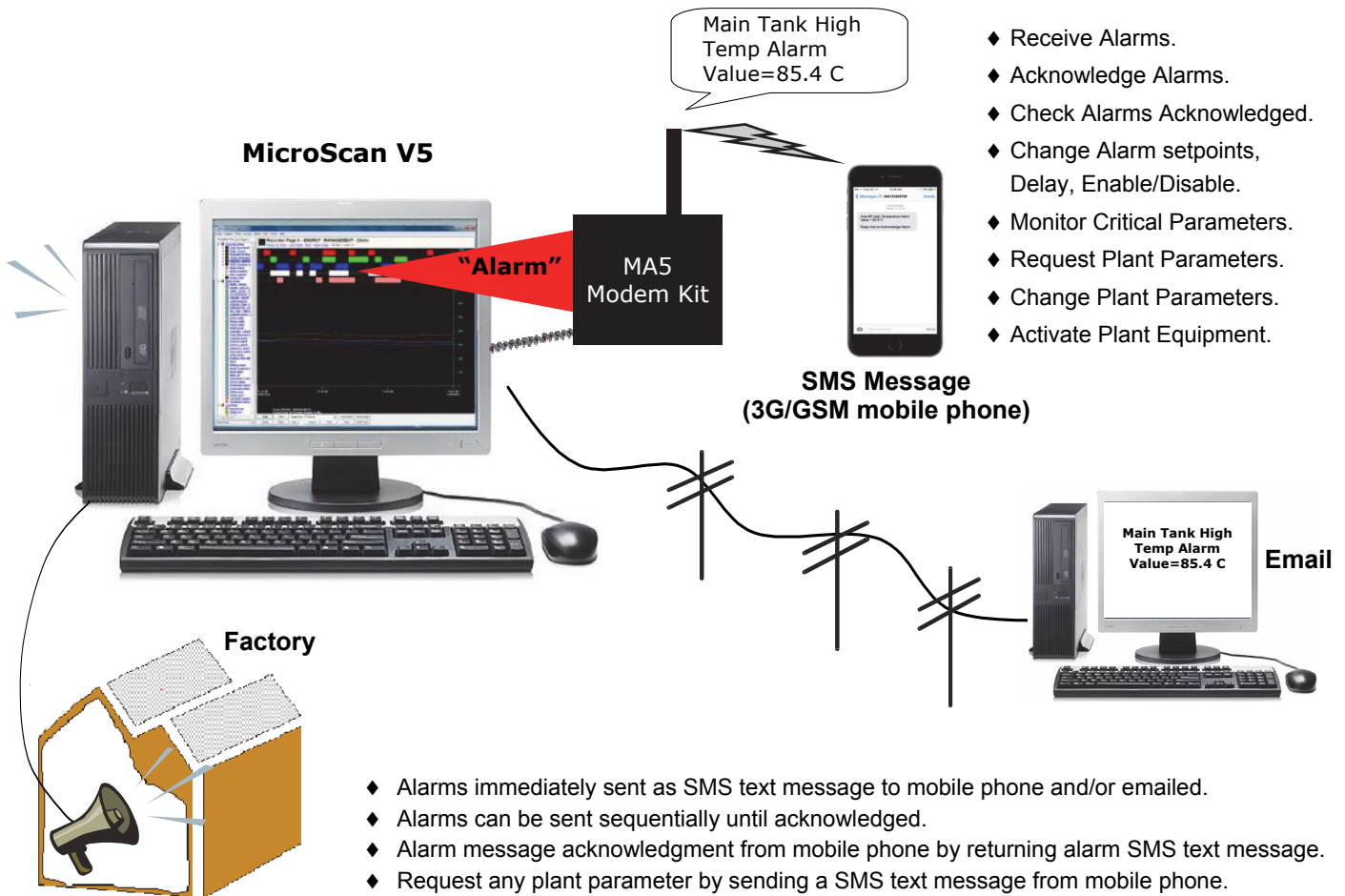


MicroScan^{Version 5} MA5

Allows a flexible communication link.



- ◆ Receive Alarms.
- ◆ Acknowledge Alarms.
- ◆ Check Alarms Acknowledged.
- ◆ Change Alarm setpoints, Delay, Enable/Disable.
- ◆ Monitor Critical Parameters.
- ◆ Request Plant Parameters.
- ◆ Change Plant Parameters.
- ◆ Activate Plant Equipment.

- ◆ Alarms immediately sent as SMS text message to mobile phone and/or emailed.
- ◆ Alarms can be sent sequentially until acknowledged.
- ◆ Alarm message acknowledgment from mobile phone by returning alarm SMS text message.
- ◆ Request any plant parameter by sending a SMS text message from mobile phone.
- ◆ Plant control settings can be adjusted from mobile phone via plant Mimics.
- ◆ A log file is kept of all communications and is stored on PC for audit tracking.
- ◆ Daily email reports of activity.
- ◆ One MA5 Modem Kit can connect to multiple MA5 clients across the network.

Overview

MicroScan MA5 supports two way text messages using SMS text messages. This allows 3G/GSM mobile phones to receive messages from the factory MicroScan V5 monitoring systems, and also allows the mobile phone to send messages to the MicroScan V5 to acknowledge alarms, request the latest process state or variable of any parameter and so on.

The MA5 will broadcast alarm messages to one or more phones concurrently and only phones whose number is listed in MA5, can request plant data. Additional security is in place for changes to plant from mobile phones.

The MA5 can act as a communication link between two MicroScan V5 systems, allowing data sharing.

Economical communication between two V5 sites which are km's apart is now possible.

MicroScan V5 PC Connection

The MA5 requires a spare RS233 port on the MA5 Server computer, to connect the MA5 Modem Kit and to have access to an SMTP email server.

The MA5 Modem Kit is best described as a '3G/GSM brick phone' which (if ordered from Intech), is supplied with an integral stubby aerial. In areas of poor reception, the integral aerial can be unscrewed, and an external aerial fitted.

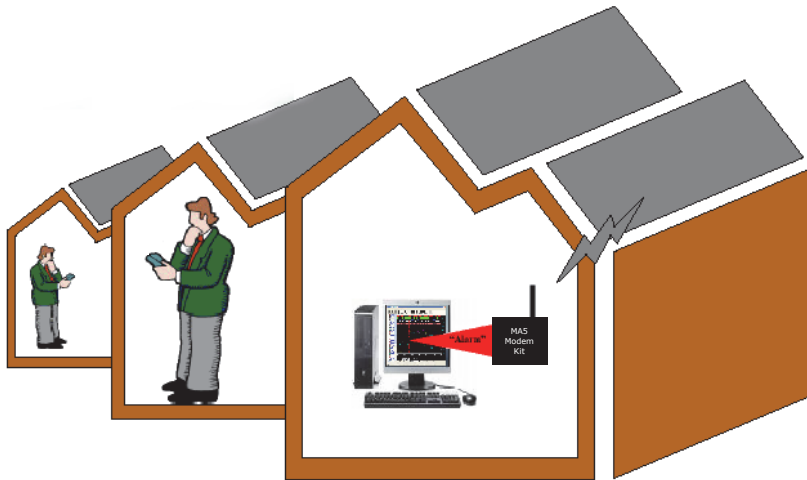
The use of the dedicated MA5 Modem Kit, provides a secure link for the free flow of messages back and forth. Simply fit a SIM card (not supplied) into the MA5 Modem Kit. This approach allows the use of an economical tariff for text messages.

Note: The MA5 requires the use of the MA5 Modem Kit and access to an SMTP email server.

www.intech.co.nz/ma5

MicroScan^{Version 5} MA5

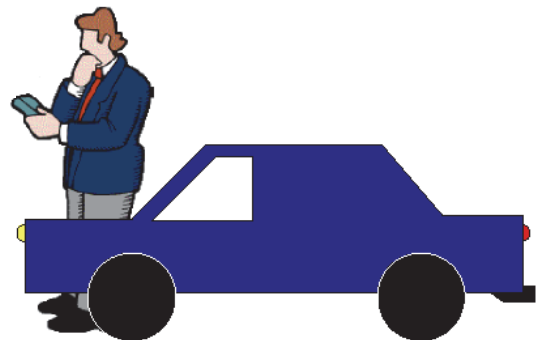
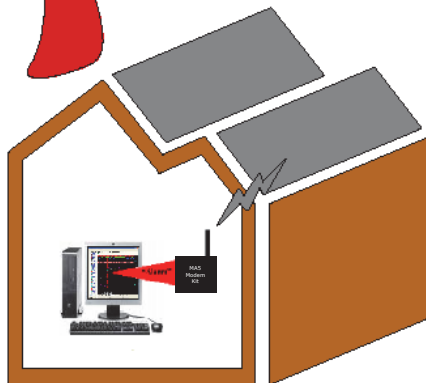
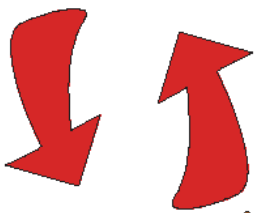
Allows a flexible communication link.



- ◆ Alarms immediately sent as text message.
- ◆ Your mobile phone becomes your central communication link—anywhere.
- ◆ Request plant parameters, eg: temperatures, steam pressure, energy, water, effluent, plant running or stop, etc.
- ◆ Set point adjustment.
- ◆ Flexible configuration sorts and assigns alarm messages to individual mobile phones.
- ◆ Send regular log of plant parameters of equipment on test.

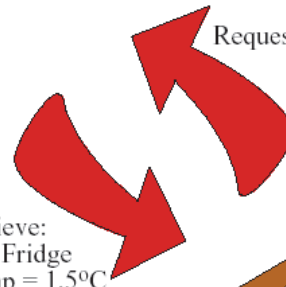
On site electrical and mechanical maintenance engineers.

Gather data from other MicroScan sites.



After Hours on call engineers.

Request: Lab Fridge Temperature



Recieve:
Lab Fridge
Temp = 1.5°C

Keep an eye on things no matter where you are.



Management kept in the communication loop.

MicroScan Mobile Alarming 5 software.
Runs with MicroScan Version 5 software & Microsoft .NET 2.0

Model	Description
MA5 (Software)	For MicroScan V5 software packages.
MA5-Lite (Software)	For MicroScan V5 R8 , R16 and R32 packages only. Includes all features of MA5.
MA5 Modem Kit* (Hardware)	3G/GSM message hardware kit. * Does not include SIM card.

www.intech.co.nz/ma5