

# POCKETVIEW Software

## POCKETVIEW: Software for 3400 Series

### Overview

**POCKETVIEW** is as Pocket PC software package that provides mobile User Interface for the series 3400 controllers.

Utilizing standard TCP/IP communications protocols, a **POCKETVIEW** device can communicate to 1 or more 3400 controllers using a wired Ethernet or wireless WiFi network. Multiple **POCKETVIEW** devices can be used simultaneously on the network for maximize flexibility.

**POCKETVIEW** can be used as a stand-alone User Interface or combined with MDE's **SUPERVIEW** PC software package to provide extended capabilities.

The spread sheet like screens provide real-time controller data at a glance and changing parameters is easy with the Pocket PC's touch-screen interface.

Using the convenience of portable memory devices such as USB flash keys, Compact Flash memory cards or SD cards, the user can store controller recipes, configuration data on the PocketPC device and easily send it to one or more controllers.

**POCKETVIEW** provides a data logger for each 3400 Controller networked to the device. Logged data can be stored in on-board or portable flash memory and loaded into a PC for later analysis.

Series 3400 Calibration software is included in **POCKETVIEW** so calibrating a controller can be accomplished without a PC.

**SUPERVIEW** and **POCKETVIEW** can be used together to further enhance reliability and flexibility. **POCKETVIEW** can be configured to provide automatic redundant data logging for **SUPERVIEW**. If the PC fails, **POCKETVIEW** continues to log and store the data so no data is lost.

Optionally, **SUPERVIEW** can be configured function as a "server" for all **POCKETVIEW** devices on the network. This means all recipes and configuration data for all controllers can be centrally stored and maintained on the PC. When an operator uses **POCKETVIEW** to start a recipe on a controller, it automatically will fetch the recipe via the network from the **SUPERVIEW** PC "server" and send it to the appropriate controller.

A single, central PC for storing and maintaining all Recipe and Configuration data makes management and maintenance easy and simple.



### Features and Benefits

#### Standard Microsoft Pocket PC compatible:

- Use off-the-shelf standard devices as a User Interface.
- Multiple vendors gives variety of choice, features and price.
- Standard Windows Pocket PC screens easy to learn and use.
- Built in WiFi eliminates costly wiring of user interface.

#### Intuitive and easy screen navigation:

- Tabbed screens show all your choices without having to "drill down".
- Familiar spreadsheet style screens are instantly usable by all.

#### Use as stationary or mobile User Interface:

- Use as local User Interface right at the process.
- Use as mobile User Interface operators can carry with them.
- Use as diagnostics tool for all controllers.

#### Redundant Data Logging:

- Log process data on a PC and mobile device(s) simultaneously for high fault tolerance.
- Automatic backup of data.
- Upload easily to PC for analysis.

#### SUPERVIEW as Server, PocketView as mobile client:

- Centralized storage of all Recipes and Configuration.
- Maintenance and updating is done at one location.
- Eliminate duplicate or obsolete recipes.
- Complete system wide backup is easy.

#### Alarm annunciation:

- Immediate on-screen alarm notifications for all networked controllers.
- All alarms logged in real-time for quick diagnosis of problems.

### Requirements

- Pocket PC 2000 or later
- ARM CPU or compatible @200 MHZ or higher with minimum of 48M RAM
- Built-in or adapter for 802.11b or 802.11g