SOLUTIONS PLUS

Designed and manufactured in Australia to meet local requirements, the Solution 16plus alarm panel offers an extensive features list including integrated proximity, numerous wirefree options, hi-speed Windows programming software and arguably the simplest user-installer interface on the market today.

YOUR first look at the new Bosch 16plus is all about its great looking Graphic Code Pad. Solution series user interfaces have always been nicely put together and this one is no exception. The large back lit LCD display uses pixel technology to graphically display all system conditions at a glance.

Programmable features and options are displayed using simple text menus, allowing the system to be programmed and configured without referring to the manual.

At all times the user and installer are prompted in plain English text that clearly identifies the current operating mode and enhances feedback for trouble free and simple operation. Variable font sizes are used depending on the situation, with important information being displayed in a large bold font, while up to 4 lines of text can be displayed when more detailed information is required.

Display screens can be customised to show the installer name, logo or contact information when the system is in idle mode. In this way the installer's phone number is always handy to the user when required. The keypad's illuminated rubber keys allow for easy identification and operation in all lighting conditions, while red and green indicators provide easy identification of armed and disarmed modes from a distance.

The in-built sounder provides audible feedback via distinctive signalling tones during system operation. The sounder volume is programmable and also emits a siren sound during alarm/fire conditions.

FEATURE RICH

The Solution 16plus includes all the standard security features you'd expect from a panel in this class. Up to 48 variable length PIN codes can be assigned and each user can also be assigned an RF keyfob and token if required. Schedules allow you to control who accesses the system and when. Reliable DTMF remote control allows easy remote arming of the system using a touch tone phone.

A cool option is an enhanced version of the Bosch Graphic Codepad that incorporates a built-in proximity reader allowing users to simply present their token to the codepad to arm/disarm and or unlock a door. Children and the elderly will find this feature extremely easy to use as no PIN codes are required for operation. A maximum of 8 code pads in any combination (proximity enabled or not) are available per system.

The Solution 16plus supports up to 4 individual areas/partitions, with no restriction on the number of individual zones that can belong in an area.

A common area can be configured to allow users to access a common codepad, which is especially useful in multi-tenant situations.

All graphic codepads are area aware and include area icons, so you don't need to purchase dedicated area or master codepads when partitioning. This flexibility allows a user with the appropriate authority to view and operate other areas, which they can access from any codepad.

The Solution 16plus can be expanded to 16 wired or wireless zones using zone expanders and/or serial radio receivers. The panel supports multi-vendor wireless devices, allowing you to select the most appropriate products for each installation. 4-state monitoring is accessible when an 8-zone expander is used with the panel.

This flexibility also allows you to expand a system without the need to consider replacing existing security equipment. Hand-held Key-fob Transmitters are available to arm and disarm the system or control a garage door or security gates.

The Solution 16plus includes an integrated high efficiency 1 Amp power supply with battery pulse

charger which provides ample ancillary power from a standard plug pack transformer. There are 3 high current, fault tolerant programmable outputs and one form C relay output provided standard. It's also possible to expand outputs to a maximum of 4 if required.

All power terminals are protected with maintenance free resetting fuses, and all LAN-based modules have integrated voltage and temperature diagnostic capability, which can also be remotely interrogated for optimum convenience. Service and test interval timers are included, allowing you to set appropriate time intervals for walk testing and service call reminders.

REPORTING OPTIONS

There are plenty of reporting options with this panel. You get CID, SIA, DOMESTIC and SMS Text reporting formats standard out of the box and the dual reporting feature allows you to select which reports are sent to which route and in what format.

Open/close reporting can be selected individually for each user and area on the panel, allowing the owner to monitor cleaner access, children returning home from school, or access to a particular restricted area - all via a mobile phone with SMS text reports, or via email on your PC. All messages clearly detail the specific event, including time and date stamp.

A telephone line fault will register when the system detects that the telephone line has been disconnected from the control panel. The system can be programmed to sound if the telephone line is cut while the panel is armed.

The CLI Intelli-connect function virtually eliminates

end user call pick-up while establishing a remote programming session by answering the incoming call immediately if the installer's CLI number is recognised by the panel. And making life easy for busy installers, you can program the Solution 16plus either via the codepad or using a PC loaded with SolutionLink software.

A very neat feature of the system is the fact it's built on SQL database technology and its Windows-based SolutionLink software offers single and multi-user operation, with the ability to control the functions each operator can perform via programmable authority levels.

All programming options and parameters are organised to closely reflect the panel's menu structure, which reduces learning time and improves efficiency. Reports generated in SolutionLink can be sent directly to any Windows printer, or to industry-standard PDF format, making it easy to send reports to your customers or the control room.

SolutionLink provides both a summary and a detailed view for all of the main programming options. In the Detailed View window, focus is applied to a specific Input, User, Area or Output. The Summary View provides an overview of the programming for all Inputs, Users, Areas and Outputs in a spreadsheet style, making it easy to see programming configuration across the entire system.

Other standout features of the system include digital contrast and brightness control, call forward on/call forward off, temperature display, zone pulse count fire alarm verification, remote diagnostics and 8 internal door controls. Solution 16plus has totally fuseless design, test and service reminder time, automatic battery testing, distinctive siren tone for fire alarms, open/close reports by user along with dual reporting by event type and multi-vendor wireless compatibility.

With Solution 16plus you can program EOL resistor values, there are 8-digit PIN codes for high security, there's sensor watch, telco line fail detection, automatic smoke detector reset and a multi-language interface. Bosch gear is built to meet AS/NZS ISO9001 Quality Management Systems and there's a 3-year back-to-base warranty.

FACT FILE:

Accessories include:

- CM104 8/16 zone expander
- 4 or 8-way relay expanders
- CM105 multi RF receiver interface
- CM120 1 AMP power supply
- Conettix ITS-300GSM transeiver
- Conettix IP C900V2 module
- Proximity cards & tokens