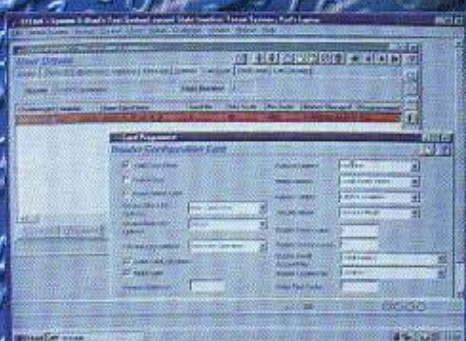


Access Manager

TS0810



**Opening doors for your business
has never been cheaper or simpler...**

Tecom ARES TITAN Sentrol Aritech ESL Ancillary

TS0810 – Tecom Access Manager

Born from the extremely successful Tecom Challenger integrated alarm and access control system, Tecom Systems is proud to release the new 'Access Manager' (TS0810). Designed specifically for applications where the customer requires Access Control facilities on a limited number of doors, the Access Manager reduces system cost while maintaining full functionality.

The Access Manager includes an onboard computer or printer interface and a copy (on CD) of the extremely popular Titan management software. Access Manager manages and controls up to 16 standard access control doors and a single Data Gathering Panel, whether it be Tecom's Standard Input/Output, Intelligent Door or Intelligent Lift Controllers.

The Access Manager LAN, (identical to the Tecom Challenger LAN) supports any combination of Single Smart Door controllers (TS0862) as interfaces to standard Wiegand and Magnetic Stripe format readers and Remote Arming Stations (keypads). In addition, the Access Manager produces cost effective access control when installed with the new Tecom Smart Card Proximity Readers (TS0870).

All doors needing access control may use Magnetic Stripe, PIN, Wiegand Proximity, Tecom Smart Card Proximity and Biometrics technologies. When managed by the Titan management software, the Tecom Access Manager is a powerful, user friendly and flexible solution to smaller access control applications

Access Manager's circuit-board-only design, allows the installer to choose the type of housing to suit the locks, power supply, batteries, reader configurations and interfaces used.



Access in action...

The Access Manager features an inbuilt computer or printer interface (RS232) for direct connection to Titan management software (also included). Titan provides a simplified Windows* interface for the programming, control and monitoring of the entire Challenger product range. (The Challenger range includes access control, alarm monitoring, HVAC and lighting control as well as a fully integrated Photo ID card system.)

Titan is a true 32-bit access control application. Harnessing the power of Microsoft Windows*, it offers a powerful, function-rich system, as well as advanced performance and reliability.

Titan management software offers you many features, including the ability to:

- Program your entire system, including up to 11,466 users, time zones and all field equipment
- Control and manage your site using fully customisable graphical maps.
- Generate user activity and database reports
- Manage and control your user and door control functions via point and click, menu or graphical maps
- Maintain a detailed event history of all your system activities
- Archive your database and history information
- Run multiple workstations (optional)
- Create and print photo ID cards (optional).

(For more information on Titan, refer to the Tecom Titan 'Gold' Brochure.)

* Microsoft and Windows are registered trademarks of the Microsoft Corporation



Access in action

Access with smart card readers



Although the Access Manager can use nearly all industry standard-card-reader technologies, its flexibility, security and cost effectiveness is improved if used with Tecom Smart Card Readers (TS0870). The readers may be connected directly to the Access Manager LAN, without single door controllers or interface units. The Access Manager LAN, (identical to the Tecom Challenger LAN) provides encrypted communications to the Smart Card Readers and Data Gathering Panels. As the Access Manager is packaged with a copy of the Titan management software, the programming of all Smart Cards and Readers for use at any location is fast and simple.

(For more information on the Smart Card Readers (TS0870), Cards (TS1170) and Programmers (TS0870P), please refer to the Smart Card Reader Brochure)

Access with printing

The Tecom Access Manager can also connect directly to a serial printer if the Titan management software is not used. As the Access Manager retains a detailed system event history, (based on event type) this history can be printed on a selected printer.

Printing of system events can be 'real time', or set for any time of day, depending on your requirements. (System events can also be printed or stored on disk via the Titan management software.) When off-line to the printer or Titan management software, the Access Manager's buffer stores up to 2000 events.



Access with control



To give you even more control, alarm points and door outputs can be added to the Access Manager, by using either the Tecom Standard Input DGP or the Tecom Intelligent Four Door Controller. Up to 32 Alarm Points and 16 Door Outputs may be added by the Tecom Standard Data Gathering Panels, and the Tecom Intelligent Four Door or Lift Controllers offer an extra 16 Alarm Points and Door/Floor Outputs. The Access Manager can also be customised to meet your site's needs by its inbuilt Macro Logic functions.

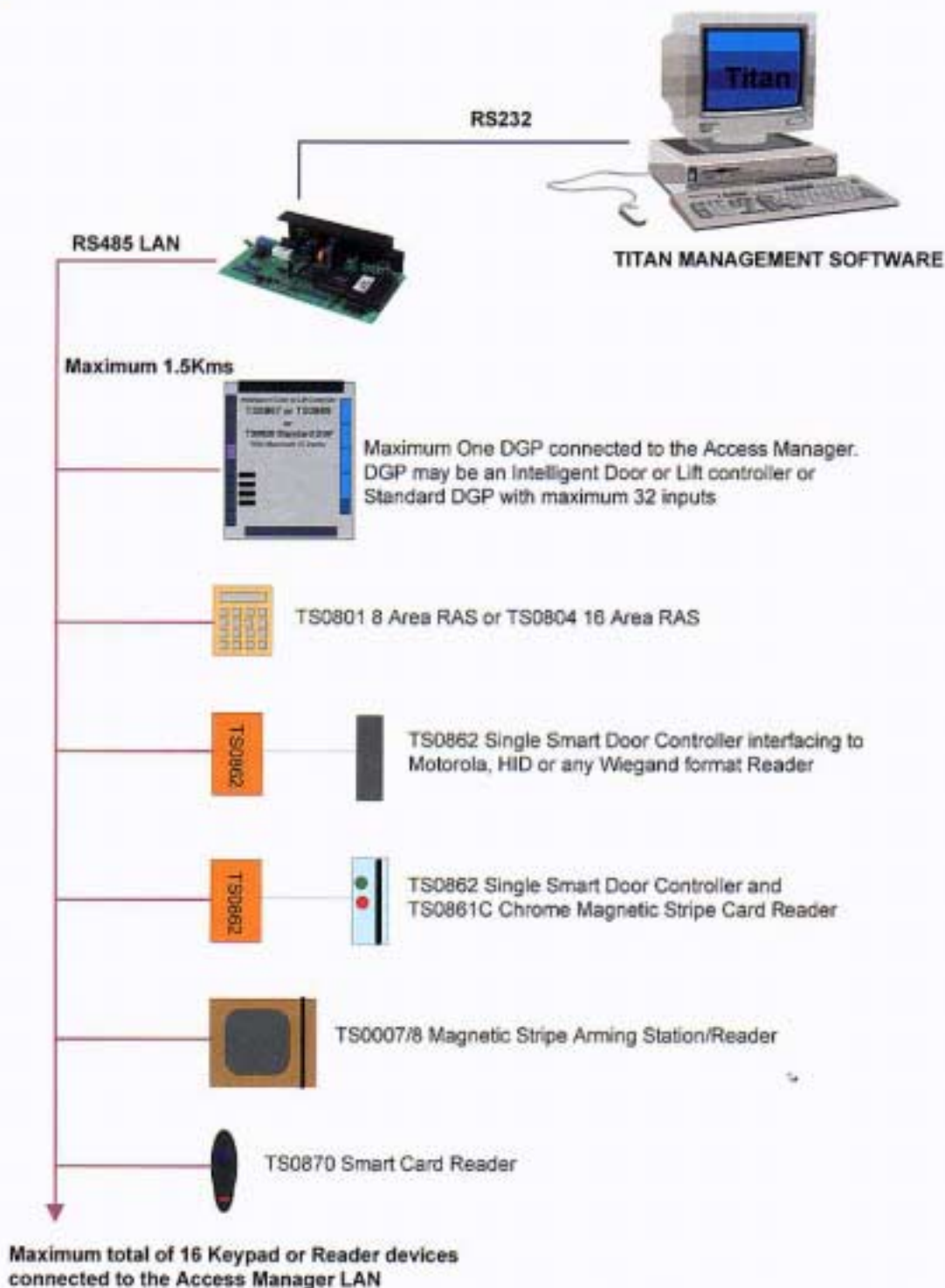
Up to 11,466 users can be programmed and allocated three levels of access: door access, lift access and alarm control. Each access group can be restricted to one of 24 time zones.

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Access at a Glance... The Access Manager LAN...



"Add as you go" = future growth

Tecom Challenger Control Panel

As time passes and your organisation's needs change, your Access Manager can expand to include additional doors, to a maximum of 20 or 16 doors and four lifts. If your requirements change to the point where alarm management and off-site monitoring features are needed, the Access Manager is quickly and easily replaced with a Tecom Challenger integrated alarm and access control panel.

Titan management software and all LAN and ancillary products are compatible with both the Access Manager and Challenger. Thus, upgrading your system to cater for a site's new requirements is both fast and cost effective. *(For more information on the Challenger Panel, refer to the Tecom Challenger Panel Brochure.)*

Here are some of the options available to you as you grow:

LAN Devices TS0893, TS0894, TS0895 and TS0896

LAN devices are used to supply a range of communications alternatives and solutions for the Access Manager LAN. These include:

- TS0893 — Electrical isolation of LAN devices from each other, e.g. to isolate devices in two or more buildings
- TS0894 — LAN to LAN communications and multi-drop applications (and several other functions)
- TS0895 — Cable looping to-and-from a central point to ensure line integrity
- TS0896 — Communication from the Access Manager LAN cabling to optical fibre and back again.

Data Gathering Panels (DGPs) & Access Controllers

A range of Tecom Data Gathering Panels can be connected to the Access Manager to expand and improve existing or new systems. Data Gathering Panels include: standard input/output expansion, fire monitoring equipment, door and lift controllers and Inovonics radio frequency devices.

Remote Arming Stations (RASs)

A range of Remote Arming Stations (keypads) can be connected to the Challenger and Access Manager to give extra functionality to new or existing systems. Keypads, when added to a system, supply a range of extra access controls, programming and status-indication functions, depending on the options selected and the customer's needs.



TS0810 Specifications

The operating capabilities of the Access Manager are listed below. (The Access Manager features include most Challenger functions.)

- Users - 11,466.
- Door groups - 128 fully programmable.
- Alarm groups - 128 fully programmable.
- Lift groups - 64 fully programmable.
- Inputs - Up to 32 with the installation of a standard DGP.
- Outputs - Up to 16 on a Data Gathering Panel (DGP) and one per Remote Arming Station (RAS).
- Time zones - 24, each with four sub-zones.
- Holidays - 24.
- Alarm history events - 1000 alarm history events.
- Access history events - 1000 access history events.
- All Macro Logic functions.
- Daylight saving clock adjustment.

Communications:

- Inbuilt RS232 port for communications with Titan management software or printer
- Maximum RS485 LAN distance of 1.5Kms using Belden 8723 or equivalent
- Continuous status monitoring of all off-line connected LAN devices
- All LAN devices individually addressed via dipswitches or software programming.

Options:

- TS0893 LAN Isolator units supplying 1.5KV isolation and converting four-wire LAN to two wires
- TS0894 RS232 to RS485, and RS485 to RS232 Converter
- TS0895 LAN Loop Interface
- TS0896 LAN to Optical Fibre and Optical Fibre to LAN Converter.

Any one of the following;

- TS0867 Intelligent Four Door Controller
- TS0869 Intelligent Four Lift Controller
- TS0820 Eight Input DGP with a maximum of three TS0021 Eight- Input Expander units (Total 32 Inputs).
- TS0827 Four Input DGP



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