

Challenger™

Integrated System

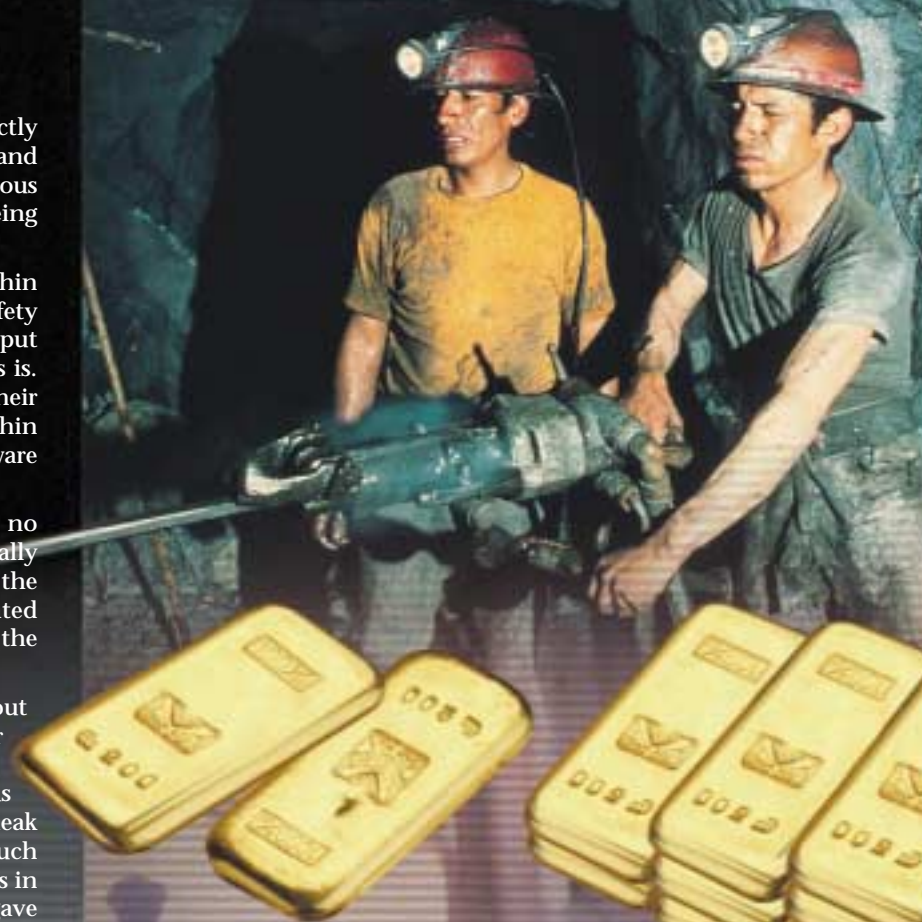
Managing a goldmine: safeguarding your assets...

In the event of an incident, I need to know exactly where all of my personnel are at any given time, and because they are working in extremely hazardous conditions, I need a way to monitor their well-being at regular intervals.

The strict control of personnel movements within mine boundaries is paramount to maintaining safety and security. A recent incident where a gas leak put lives at risk demonstrates just how important this is. I was able to identify who was at risk, and their proximity to the leak, by generating a report within minutes using our Challenger Management Software application.

During this time, it was critical that no unauthorised personnel had access to any potentially hazardous areas. This was managed for us by the Challenger Access Control System. The isolated miners were able to continually check in with the Challenger, letting us know they were alive.

Thankfully, this incident was managed without serious injury to our personnel. The Challenger System made sure that only miners with the relevant training worked in the more hazardous areas of the mine, so those exposed to the gas leak were of an expertise level better able to deal with such an occurrence. And being able to identify who was in the affected area, and their physical condition, gave me the information to make the right decision – fast!



Integrated Security & Access Control

The Challenger System is designed as a fully integrated security and access control system – integration of security and access control user operations and field hardware greatly improve the versatility of your system, while simplifying its operation and system management.

Alarm Inputs

A Challenger System can monitor thousands of alarm points across your entire organisation – alarm points such as motion sensors, door and gate sensors, smoke detectors etc. can be reported to a security monitoring centre in the event of an alarm condition. Alarm points can also monitor local conditions specific to your organisation, such as low freezer temperature, pump failures, and production line stoppages.

Areas

The Challenger System can be divided into hundreds of areas, acting like separate alarm systems within your organisation. Each area can have associated alarm inputs, users, and access control levels, making your Challenger System extremely flexible.

Users

Over 65000 employees can be issued an access card or PIN code to be used for area control and/or door and floor access. Each system user can be allocated times and days that system control is available to them. Fine-tuning of system control is achieved by the separate allocation of alarm, door, and floor access times. This provides management with increased user configuration options where complex user movements are a part of organisational structure.

Doors and Floors

Access to hundreds of doors and floors can be managed by time and date down to an individual user level. To provide further integration to system alarms, the Challenger System can determine door and/or floor access by the alarm status of a given area. This integration provides added security by not allowing personnel access to an area that is in an alarm condition, which could mean that an intruder is still on site.

16 Area RAS



Wireless

Where cabling of your system is not feasible, or handheld duress radio devices are required, the Challenger System can become a wireless alarm system. The integration of Challenger wireless modules greatly enhances the suitability of a Challenger System to current and future applications that your organisation may require.

System Operation

Operating the Challenger System is as simple as presenting a smart access card to the Challenger Smart Reader, or entering a PIN code at the Challenger LCD code pad. Both alarm area control and door / floor access can be achieved from a single user action at either the reader or code pad. This integration of alarm and access control provides a simple yet powerful interface to the Challenger System.

Software System Management

The Challenger System may become extremely large and complex, depending on the requirements of your organisation. To provide you with simpler control over your Challenger System, the optional Titan or ARES Management Software application can be used. Whether its one large site, or many hundreds of sites across a geographical area, the Challenger Management Software provides a simplified user interface to handle every aspect of your Challenger System.

Connecting It All Together...

The Challenger System is capable of utilising an existing LAN or WAN via TCP/IP connectivity of multiple Challenger Systems. This allows for increased site integration while greatly reducing communications costs.

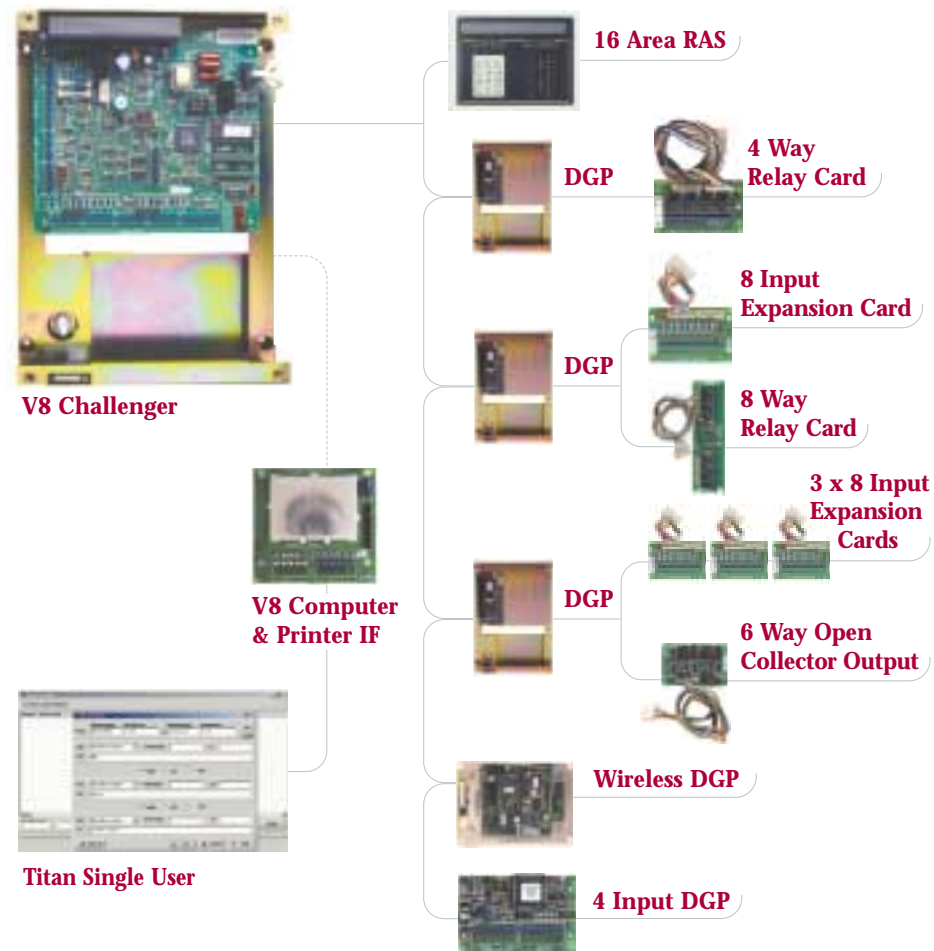
The Challenging Application...

The Challenger System has had many years of experience in the Australian and New Zealand corporate markets. Many dedicated devices have been developed to meet the ever-growing demands of Challenger System users. This constant development ensures that the Challenger System delivers world-leading application solutions for your organisation's needs.

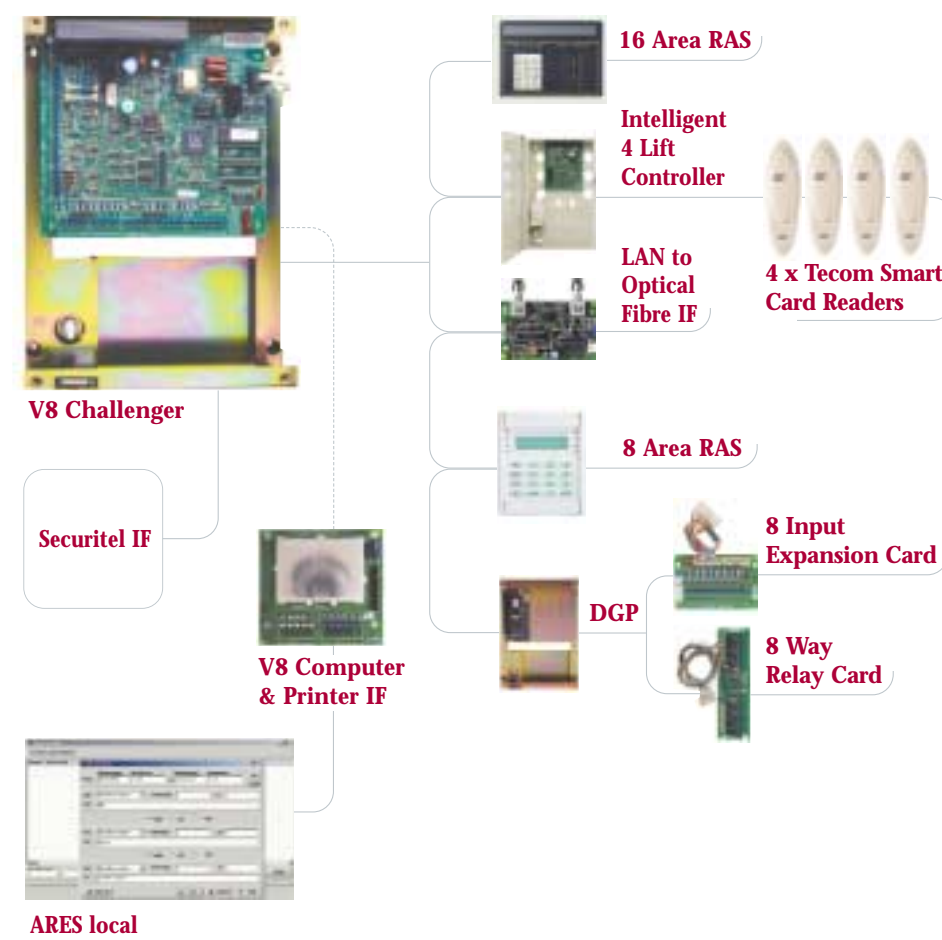
Challenger Version 8



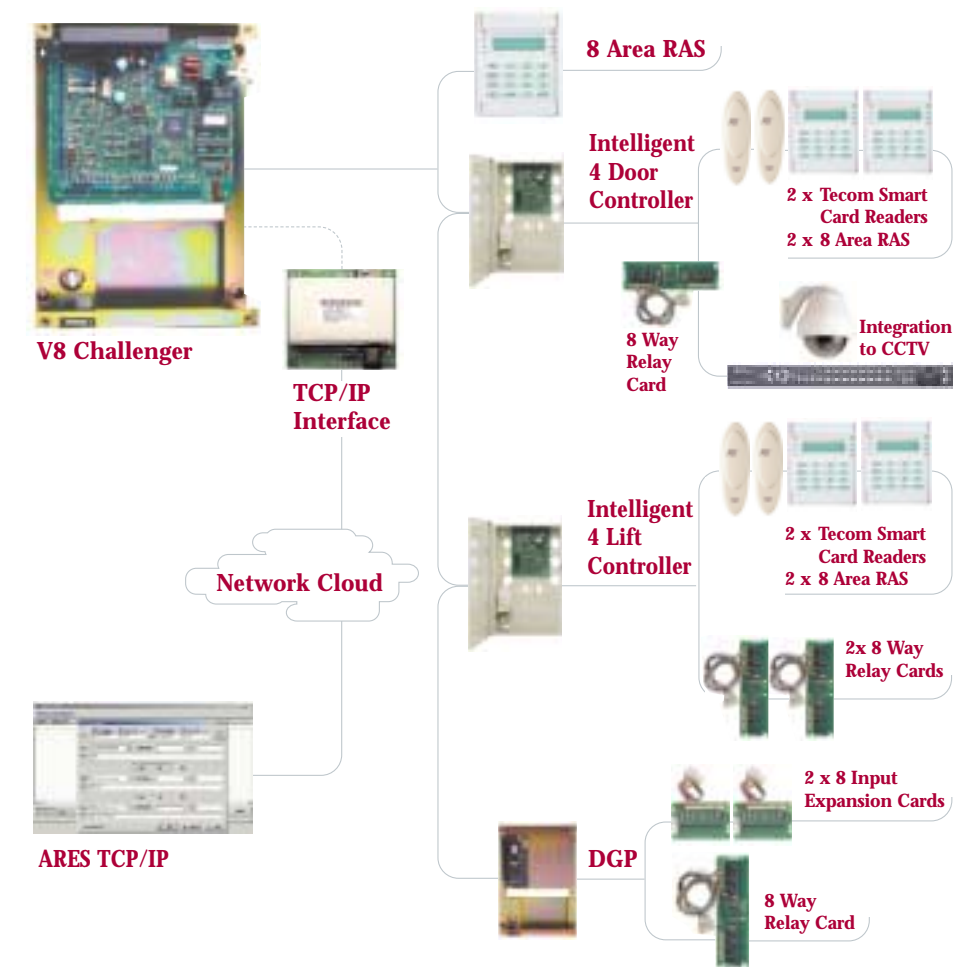
Challenger™ V8 Alarm



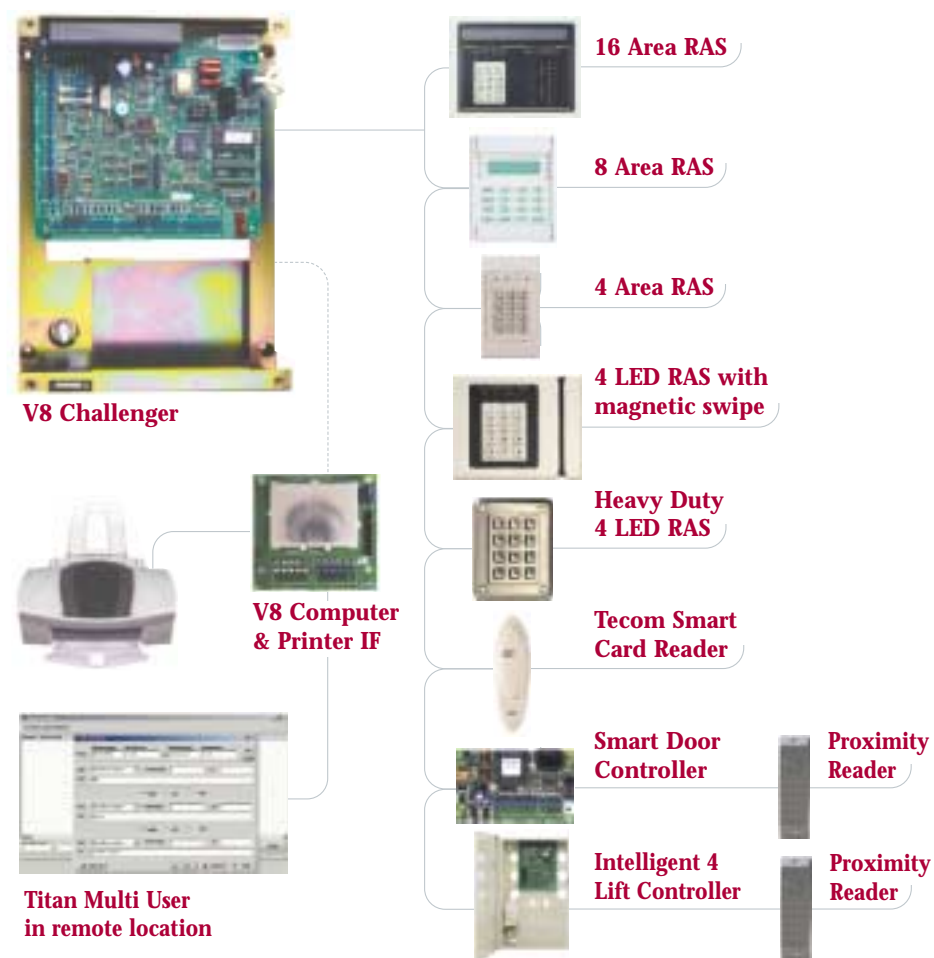
Challenger™ V8 Ares



Challenger™ V8 Ares Ethernet



Challenger™ V8 Access Control



Kalatel System



Challenger™ V9 Network

