

High Security

No compromise

security.gallagher.com





Trusted solutions to meet the
highest security standards

No Compromise

There can be no concessions when it comes to defending the institutions, people and information that are **critical to the protection of our society**.

Effectively protecting critical sites with some of today's highest security standards is essential in ensuring the safety of the public and enforcing government laws and regulations.

Gallagher security solutions are scalable, flexible and give you complete control of the most sensitive security installations.

We redefine what's possible

Our people are relentless innovators who strive to understand not only your specific security needs, but your whole operational environment.

Our personalized approach means you'll receive powerful solutions that provide real operational benefits, tailored to your specific needs.

The Gallagher solution can fully integrate access control, intruder alarms, perimeter security and

Our solutions are used worldwide, from utilities and civil infrastructure, to corrections and defense facilities.


Highly specialized, integrated systems let you protect what's important, without compromise.

business policy execution - delivering unparalleled high security capability.

With hardware and software systems backed by accredited installers, Gallagher offers you an intelligent, powerful way to ensure operational effectiveness, protect your assets and keep people safe.



Powerful Security by Design



"Build the security into the system so that it is always there and just works"

Steve Bell, Gallagher Chief Information Officer

Gallagher's unrelenting pursuit of superior solutions provides a foundation that ensures we deliver you products that are secure by design.

Global experience

Gallagher has been extensively involved in securing critically important sites around the world. We bring that experience with us when our security specialists work with consultants and advisors to deliver solutions that are both right for the site (no matter how unique) and require an uncompromising degree of security. Regardless of location, whether it's an embassy, military base, or critical facility, we know what it takes to protect it.

Intrinsic security

The products and software that make up the Gallagher solution are designed from inception to be as secure as possible. Authentication, encryption, tamper defenses, redundancies, and just plain 'security' are part of our product development philosophy. It is not enough that our products are intuitive to use, and aesthetically pleasing, even the smallest part of the system has been selected for its inbuilt defensive qualities.

Continuous improvement

In a world where threats evolve daily, so too must defenses. Gallagher constantly monitor the security environment, and a network of analysts gather information that shapes the development of future solutions. We employ a dedicated security and penetration testing team, and use automated testing that runs thousands of scripts to ensure systems are as robust as possible (150 virtual machines running 20,000 tests nightly on Gallagher Command Centre). Our commitment to research and development is to ensure your assets are protected, now and in the future.

Specialist installers

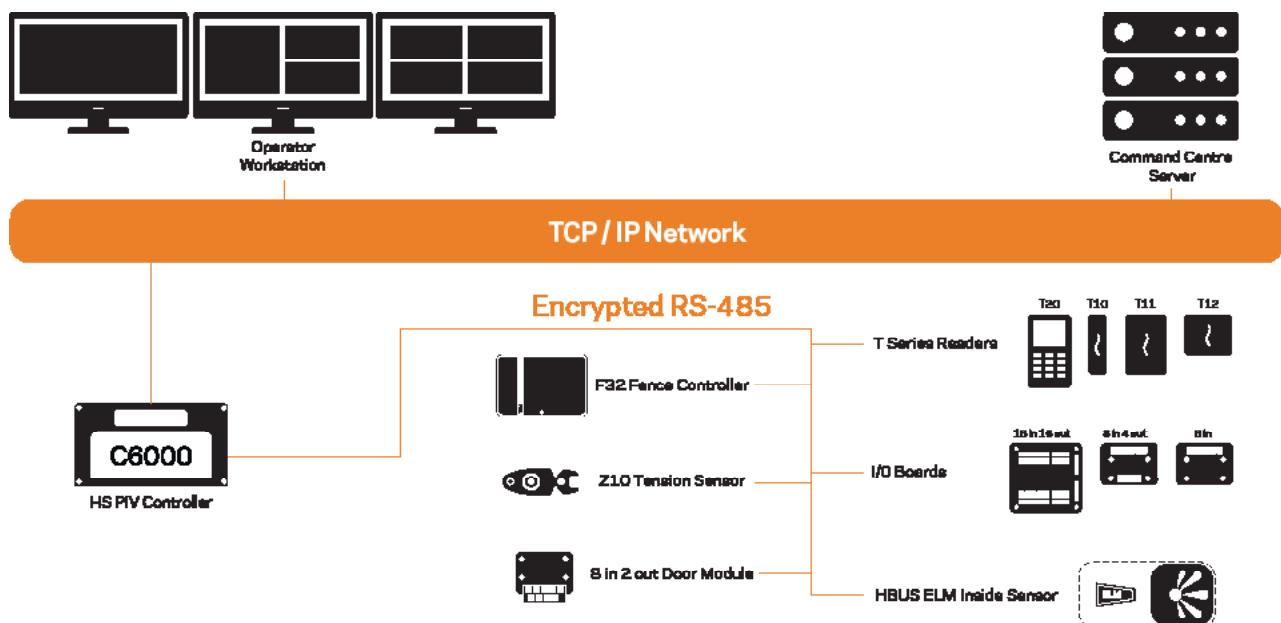
We maintain a certification system for select installers to ensure our products are deployed correctly, and we work closely with them to ensure that they deliver you the solution that you need. Training in the Gallagher solution is mandatory, and is an ongoing requirement of our security partners. As techniques, technology and requirements evolve, so do the skills of our specialist installers.

Fully Authenticated and Encrypted System



The combination of innovation, experience, and cutting edge security technology allows Gallagher to provide you with a fully authenticated and encrypted system that we believe to be - **global best practice in high security:**

- TLS with Mutual Authentication of Certificates
– keys rolled daily
- Factory loaded Certificates signed by Gallagher master certificate
- Denial of Service protection on RS485 ports
- Under/Over Temperature attack protection
- Uniquely serial numbered devices
- Tamper detection: optical or mechanical switches
- All field devices fully authenticated (ECC 256bit), with data packets fully encrypted (AES 128bit)
- Downstream communications isolated ports
- Once operational, no person has access to the Shared Secrets



Global High Security



Gallagher offers powerful access control, alarm management and perimeter solutions to meet complex security and operational requirements worldwide

The highest standards

Gallagher security solutions are engineered to meet the stringent standards that define how high security sites around the world should be protected.

Although standards vary by region, legislation, and the degree of protection required, they are all met by our unwavering dedication to providing security that is intrinsic: always present, always working.

Gallagher's deep understanding of the requirements of high security globally allow us to provide you solutions that are trusted, and can be tailored to your unique requirements.

Our technology provides security at all levels, from strict visitor control through to defending assets that the loss or damage of would be catastrophic to national security.

Gallagher PIV

The Gallagher Personal Identity Verification (PIV) solution, delivers exceptional security with particular suitability to any environment that needs card based authentication to computer network resources. Initially designed for compliance with the

Federal Information Processing Standards (FIPS) 201-2, it's simple, effective and efficient end-to-end architecture enforces business policies, identity and credential management for secure environments worldwide.

Gallagher Class 5

The Gallagher Class 5 Intruder Alarm System mitigates the risk of vulnerable analogue connections (resistive end of line supervision) for alarm sensors. Developed to achieve **AS/NZS 2201 Class 5** intruder alarm compliance, Gallagher

Class 5 technology also meets the high security specifications of sites with equivalent standards (e.g. EN50131 grade 4) or any locations with a need to ensure edge devices are protected to a high level.

Global High Security



Australia - SCEC perimeter

The **Security Construction and Equipment Committee (SCEC)** is an inter-departmental committee responsible for the evaluation of security equipment for use by Australian Government departments and agencies. SCEC evaluation includes comprehensive breach testing, whereby all manner of attacks are employed to test the strength of a solution. Gallagher has a range of SCEC tested perimeter products that are available for deployment globally.

Australia - Type1A

Gallagher's Type 1A solution is engineered to ensure Australian Government sites are protected and compliant to the **Type 1A 2008 alarms standard**. Approved by the Security Construction and Equipment Committee (SCEC), our Type 1A solution manages alarms, monitors sensors and defends system integrity for the highest security Australian Government sites.



Access Control

"Access to resources is based on a need to know, and a need to go"


Australian Government physical security management protocol



A physical access security system protects against unauthorized access, maintains integrity and availability, and provides evidence of access. With a Gallagher access control solution, you can:

- Set door and zone entry rules and define alarm triggers and events that require urgent intervention
- Use biometrics to verify identity, with a duress finger option (allowing access but raising an alarm)
- Employ a range of security levels, requiring a card, PIN, biometric, or a combination of all.
- Monitor access points to know 'where, when and why' people are on your site at all times
- Respond rapidly with a reliable and effective emergency management system, including lock-downs and alerts
- Pro-actively manage site access by integrating with existing HR systems to share information about clearances, inductions, required permits, licenses and other competencies for cardholders
- Welcome, manage and control access for visitors, ensuring your duty of care and health and safety obligations are met
- Interlocking doors
- Dual authorization
- Duress codes and alarms
- Controlled and mobile challenge

Perimeter security



"I'd like to get Gallagher installed at every above-minimum security facility in the next few years, and we're currently looking at the juvenile facilities too."

Indiana Department of Correction

We know perimeter fences must be highly reliable, difficult to bypass and not generate false alarms, even in adverse conditions. We deliver robust systems suited to the rigorous requirements of high-risk security installations such as power and fuel utility sites, military installations and prisons.

Gallagher offers a range of advanced perimeter security solutions founded on two core principles: deterrence and detection.

Configured and controlled using Command Centre, our effective and reliable solutions can be managed and monitored across multiple sites from one central location.

Our monitored pulse fence system consists of a grid of energized, high tensile wires that can be constructed inside a new or existing perimeter fence. The monitored wires detect unauthorized entry or exit into defined areas and trigger instant alerts.

Reliable deterrence

Attempts to breach the perimeter are deterred by a regulated electric pulse sent around the perimeter fence line. Pulse fences meet stringent safety criteria, delivering a short but safe energized pulse which makes it almost impossible to climb the fence.

Zoned fences allow voltage levels to be adjusted to meet varying needs: high for maximum deterrent and low for periods of low risk.

Intelligent detection

A networked perimeter solution incorporates sensors that continuously measure and report on wire tension and monitor fence structure vibration or movement. Sensors can be used with or without an electric pulse to detect intrusion without the intruder being aware.

The system intelligently differentiates between serious breaches and disturbances by wildlife, birds or harsh weather conditions. False alarms are minimal, and intruders are unable to use the cover of adverse weather to breach the fence undetected.

Rapid response

When a fence sensor is triggered, an alarm will activate for that zone, allowing guards to immediately focus their attention where it's most needed. Full integration with imaging systems provides a visual and audible record of events that can be viewed as a live stream or relied upon as evidence if required.

Gallagher Command Centre



Command Centre is a powerful software solution designed to give you complete site control. From cardholder management to critical incident response, Command Centre is an essential business tool to configure, manage and report on all aspects of your security solution.

Flexible configuration

Site hardware and system components can be configured using Command Centre.

- Set door and zone entry rules
- Use schedules to automate access and alarm state changes
- Set entry and exit delays for intruder alarm zones
- Configure guard tour checkpoints and arrival times
- Program perimeter security fencing activation settings and alarms
- Program building automation and control features

Everyday security management

Command Centre gives you unparalleled control of every aspect of your site's security solutions.

- Manage cardholder information and set access rights and responses at individual cardholder or group level

- Challenge cardholder identities anywhere, anytime using the Command Centre mobile app
- Check door and zone status in real time
- Fully integrated alarm management
- Oversee system operators and their management privileges
- Trust in encrypted peer-to-peer communication with access system controllers
- Live operation and monitoring of on-site guard tours
- Register and manage visitor access.
- Monitor video surveillance
- Dial up support for remote sites or off-site alarm monitoring

Powerful reporting

Use Command Centre's advanced reporting features to retrieve data and make informed decisions.

- Efficiently retrieve information for reports
- Exchange data with third-party products
- Comply with a wide range of regulation standards
- Data is automatically distributed to areas of the system where it is required

Contact Us

Professional services and support

Gallagher provides hardening guidance and documentation to ensure the maximum level of security can be configured for high security systems.

Our team of experienced engineers, software architects and customer experts can consult on a range of requirements:

- Customizations to Gallagher software to meet your specific requirements
- Developing middleware to integrate two or more systems
- System audits
- Database conversions
- Software upgrades
- Identifying potential efficiency gains.

For specialized guidance on making the most of your Gallagher security solution, contact your local Gallagher Certified Channel Partner.

Talk to Gallagher today

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