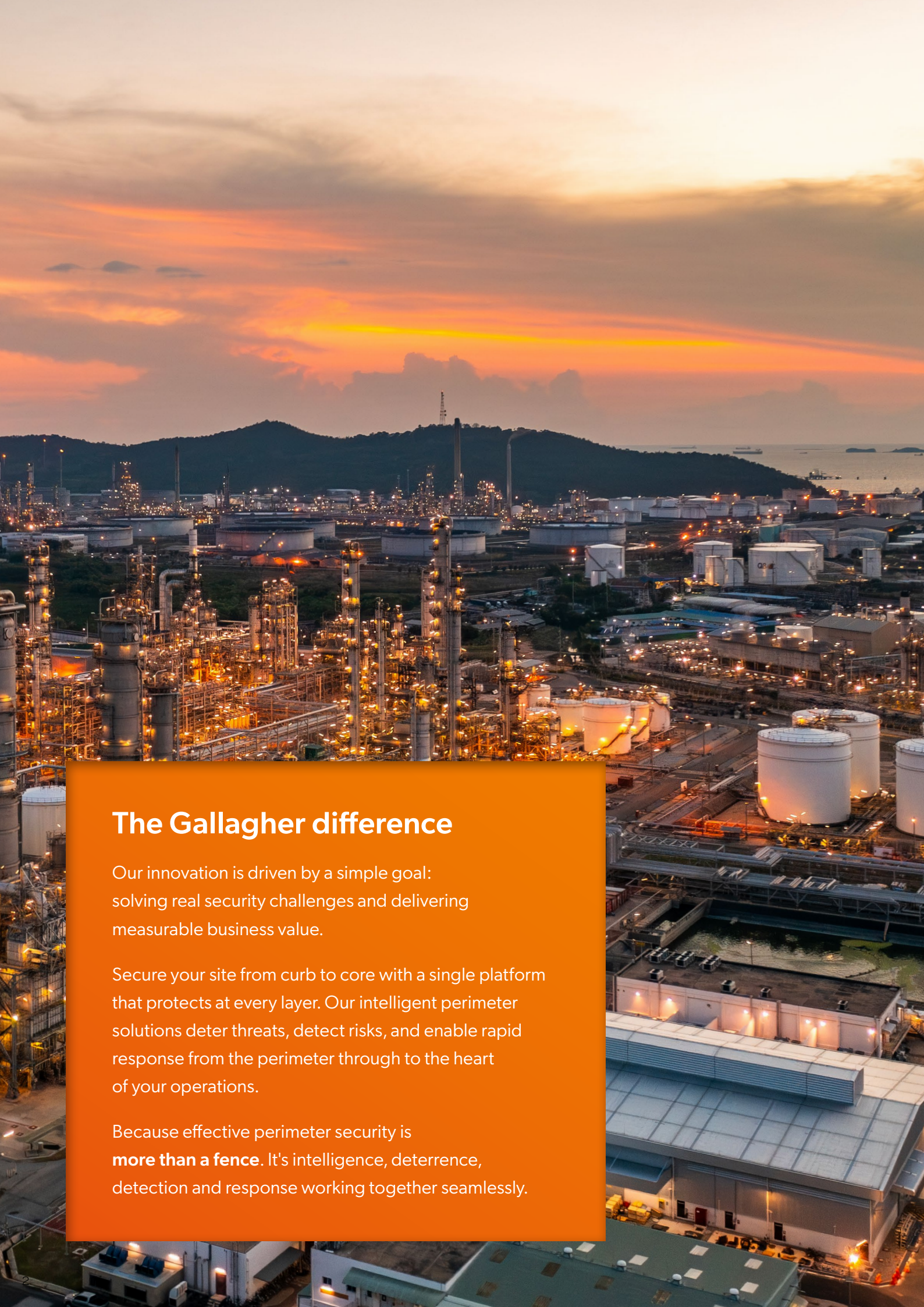
GALLAGHER Security

Perimeter Product Overview

Innovation from the Edge

security.gallagher.com



The Gallagher difference

Our innovation is driven by a simple goal: solving real security challenges and delivering measurable business value.

Secure your site from curb to core with a single platform that protects at every layer. Our intelligent perimeter solutions deter threats, detect risks, and enable rapid response from the perimeter through to the heart of your operations.

Because effective perimeter security is **more than a fence**. It's intelligence, deterrence, detection and response working together seamlessly.

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Perimeter Security Solutions

The perimeter is your first line of defence and the first opportunity to deter, detect, delay, and respond to a threat, long before it reaches what matters most. A modern perimeter is not simply a fence, but a connected layer of deterrence, detection, intelligence and control that can adapt and scale with your site.

Crucially, Gallagher's perimeter security is a native, core part of Command Centre – the same platform that runs access control and intruder detection. It isn't a bolt-on, and it isn't an interface that can drop off at the next software upgrade. The same platform scales from a single site to a multi-site enterprise, delivering a true single pane of glass across your security operations.

Deter, detect, delay & respond

A layered model built for the way real threats actually unfold.

Deter

A visible Monitored Pulse Fence creates a powerful psychological and physical deterrent, discouraging intrusion before an attack begins.

Delay

A physical, tensioned fence line slows and frustrates an intrusion, buying critical time to respond.

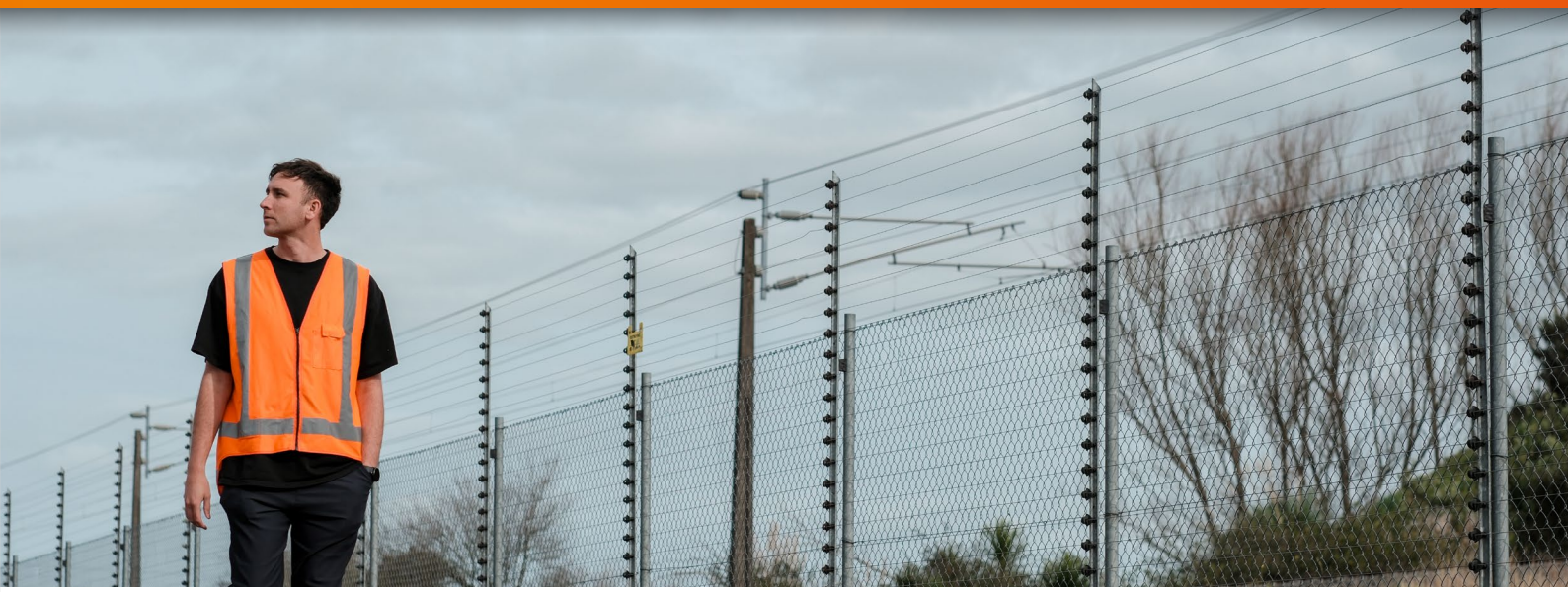
Detect

Intelligent controllers and sensor technologies identify threats in real time, using dual-technology logic to cut false alarms.

Respond

Native Command Centre monitoring, breach-location reporting, and alerts enable an immediate, informed response.

International Standards & Monitored Pulse Fence



Gallagher Monitored Pulse Fence systems are designed to provide effective deterrence in the safest possible way.

Gallagher perimeter products are designed to comply with international safety and electromagnetic compatibility standards, including the updated IEC 60335-2-76 (with regional variants). These standards set out the safety requirements for the design, installation, and operation of pulse fencing and associated equipment.

Every energizer product developed by Gallagher is tested in New Zealand laboratories accredited by IANZ (International Accreditation New Zealand). Internally, Gallagher has staff dedicated to reviewing changing standards and ensuring products are compliant with all legal specifications.

As recognized industry experts in energized fencing technology, Gallagher helps shape the future of perimeter safety as an invited member of the Global Standards Committee responsible for developing and updating international fencing standards.

Safe by design

Certified to the latest international safety standards and the same class of standard as everyday household appliances – compliance and safety meet innovation.

Monitored Pulse Fence

The intelligence behind our perimeter energizer and attack detection products.

At the heart of our perimeter solution is the Monitored Pulse Fence (MPF), tensioned metal wires on insulated posts, energized with safe, millisecond-long pulses that act as both a visual and a physical deterrent, while detecting tampering and intrusion. A sophisticated fence controller converts AC or DC power into controlled pulses, ensuring no continuous current is present. Detection is enhanced through zone-based activation, scheduling, and a unique “low feel” mode for continuous security where a full deterrent is not required.

F5 and F6 Fence Controllers

A single energizer platform that does everything from simple, single fence zone protection to complex multi-controller, multi-technology, fully networked solutions.

The F5 and F6 Fence Controller series are the next generation in high-performance control for the Gallagher Monitored Pulse Fence system, delivering maximum intruder deterrent, superior detection capabilities, and exceeding global safety standards, including updated IEC 60335-2-76 compliance.

Two Configurations

Deployable as a stand-alone fence controller (for use with an alarm panel), or as a fully networked controller with a full suite of integrated capabilities via Gallagher Command Centre. Configurations can be changed easily with an onboard switch.

Dual Pulse

The F52 and F62 controllers can be configured as a single dual pulse zone with alternate positive and negative pulse on fence wires for extra deterrent.

Smart Sync

Smart Sync maintains safe pulse synchronisation across multi-controller sites and automatically adapts if sync is lost – keeping the fence within safe limits at all times.

Direct swap-out upgrade path

The F5 and F6 series share the same physical footprint and connection points as the legacy controllers they replace, making lifecycle refresh straightforward. A firmware update lets legacy units synchronise safely alongside the new controllers, so upgrades can be staged site by site.

Additional Capabilities

- Flexible deployment options with single and dual-circuit controller models to suit a wide range of perimeter designs.
- Advanced deterrence and detection capabilities, including HVplus reactive deterrence (not permitted in Europe/UK), SELV-ready operation, and Dual Pulse Peak Measurement (DPPM) support for high-specification applications.
- Designed for reliability, with intelligent alarm monitoring, historic event retention, and comprehensive system health reporting.
- Simplified maintenance through automatic software updates, temperature monitoring, and support for external power management options.
- High-performance operation delivering advanced deterrence and detection, while meeting international safety standards.

For more information, please refer to the F5 and F6 Fence Controller Datasheet.

Fence Hardware

Security fencing is the first step in protecting businesses from intruders.

Every component is engineered to withstand harsh environments, simplify installation and maintenance, and support long-term perimeter performance. Whether protecting critical infrastructure, utilities, logistics facilities or commercial sites, our hardware is designed for reliability under real-world conditions.

Effective security fencing requires unique custom design and construction to meet the challenges of individual sites. We are focused on developing reliable fencing hardware that is easy to install, easy to maintain and designed to cope with different site challenges.

Every site has individual challenges, and the flexibility of Gallagher's perimeter security solutions enable those challenges to be met and overcome.

Common perimeter challenges include:

- Environmental extremes (cold, heat, salinity, wind, rain)
- Size considerations (hundreds of kilometers of fenceline, or a single isolated zone)
- Varying intruder behaviors, intensity and purpose
- Site geometry (rooftop defenses, multiple gate locations)
- Customer expectations (aesthetics, business requirements)

Gallagher supplies a wide selection of fence hardware and accessories to meet the unique requirements of any perimeter project.

Hardware range includes:

Security posts

High Conductivity Wire

K20 Tensioner Link System

Lightning Diverter

Security Insulator

High Voltage Gate Switch

Perimeter Sensors

Seen, or unseen. Your perimeter, your way.

Not every site wants a visible deterrent. Data centres, sites near public spaces, and environments with health and safety constraints often require covert, detection-led protection instead of, or alongside, an energized fence. Our proposition is simple: the same platform can meet both needs, providing a visible deterrent with a Monitored Pulse Fence or discreet, sensor-based detection, all monitored through Command Centre.

Sensors rapidly detect intrusion attempts without alerting the intruder, enabling faster responses while capturing valuable intelligence about perimeter activity and attack methods. They can also be integrated with existing perimeter defenses to significantly enhance detection rates as part of a layered, multi-technology security solution.

Z10 Tension Sensor G13115

The Z10 sensor provides continuous, real-time, wire tension measurement, detecting both fast and slow attacks. Fully integrated with Gallagher Command Centre (v7.10 and later), the sensor uses the HBUS communication protocol (including compatibility with high security AES 128bit encryption) to deliver quick and secure perimeter status information.

- Attack alarm based on single or multiple sensors
- High, and low, wire-tension maintenance alarms
- Differentiation between environmental changes and attacks
- Fast installation using self-aligning Pivoting Mount Technology as well as plugged and IDC connectors
- Overload protection to 200kg (440lb)
- Options to retrofit to existing Gallagher perimeter security systems

For more information, refer to the Z10 Tension Sensor datasheet.

Z20 Disturbance Sensor G12915

The Z20 Disturbance Sensor detects vibration or movement of the fence structure, generating alarms when disturbance meets predefined criteria.

- Sensors can retrofit to existing structures
- Compatible with both electric and non-electric fencing systems
- Alarm parameters can be individualized for each sensor
- High integrity detection with low nuisance alarm rates
- Quick and easy installation, sensors fit to both curved and flat surfaces
- Available with standard or conduit clamp

For more information, refer to the Z20 Disturbance Sensor datasheet.

Command Centre

One platform, curb to core.

Gallagher's perimeter security is a native part of Command Centre, not a bolt-on integration or third-party interface that risks breaking with future software upgrades. Built on a client-server architecture, Command Centre provides a powerful, unified platform for configuring, monitoring and controlling security systems through a single pane of glass.

Gallagher enables advanced management of perimeter, access control and intruder alarm systems across single or multiple sites. Perimeter security can be seamlessly integrated with technologies such as video surveillance, intrusion detection, alarm monitoring and access control to deliver a comprehensive, layered security solution.

Command Centre can be tailored to your operational requirements, delivering:

- Unified management of perimeter, access control and intrusion systems
- Automated access permissions and alarm schedules
- Flexible credential and door access configurations
- Role-based operator permissions and system segmentation
- Peer-to-peer controller communications for continued operation even if server connectivity is lost
- Remote site connectivity and alarm monitoring
- Secure communications protected by up to 256-bit AES encryption
- Comprehensive reporting and guard tour management

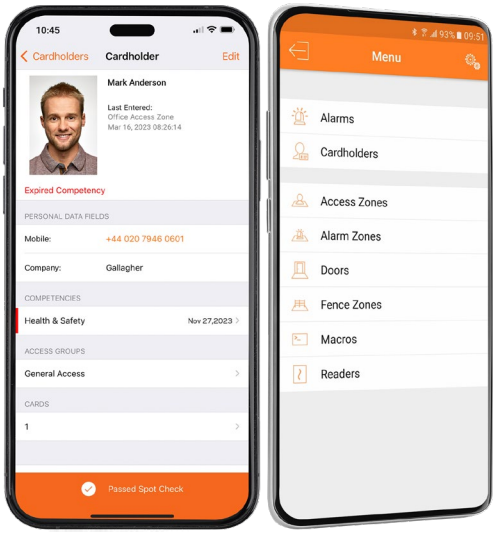
Together, these capabilities provide a scalable, resilient and highly customizable security management platform.

For more information, refer to the Gallagher Command Centre datasheet.

Command Centre Mobile App

Extend security beyond the control room with secure mobile access to Command Centre. Operators can monitor events, manage alarms and perform key security tasks from wherever they are, improving responsiveness and operational efficiency.

Downloadable from the Apple App Store and Google Play, this software provides you with the ability to manage your security from your mobile device. The Mobile App interfaces directly with Gallagher Command Centre, providing a secure link directly to the site management capabilities that already bring security and business efficiency to your site.



For more information on the Command Centre Mobile App, visit security.gallagher.com.

iOS and Android

The Mobile App is available on both iOS and Android devices. The optional products such as the Mobile Reader and Access Reader feature are only available on iOS.

Perimeter Integrations

No bolt-ons. No gaps. One system.

Gallagher Command Centre helps create a connected security ecosystem by integrating perimeter security with a wide range of security, safety and site management technologies*.
These integrations improve visibility, streamline operations and extend the value of security investments across the site.

Gallagher Networked Perimeter Security System

Centralised multi-site, multi-zone perimeter control and monitoring through a single graphical interface.

Video Integrations

Seamless integration with leading video management systems for enhanced situational awareness and incident response.

Dynamic Exit Zoning C12591

Tracks cardholders based on the vehicle they are travelling in, eliminating the need to badge at every gate.

Regulated Zones Reporting C12639

Monitor time-on-site for all visitors, employees, and contractor cardholders within a configured time zone.

Fatigue & Exposure Management

Reduce unnecessary downtime or accidents by identifying individuals who may be at risk of fatigue.

ASCII Interface

Provides a flexible, standards-based method of integrating with building management and third-party systems.

Mobile Cardholder Challenge C12701

Enables guards to verify cardholder credentials in the field using a mobile device.

Competency Module 2A8959

Verifies access eligibility based on training, certifications and fitness-for-work requirements at the point of entry.

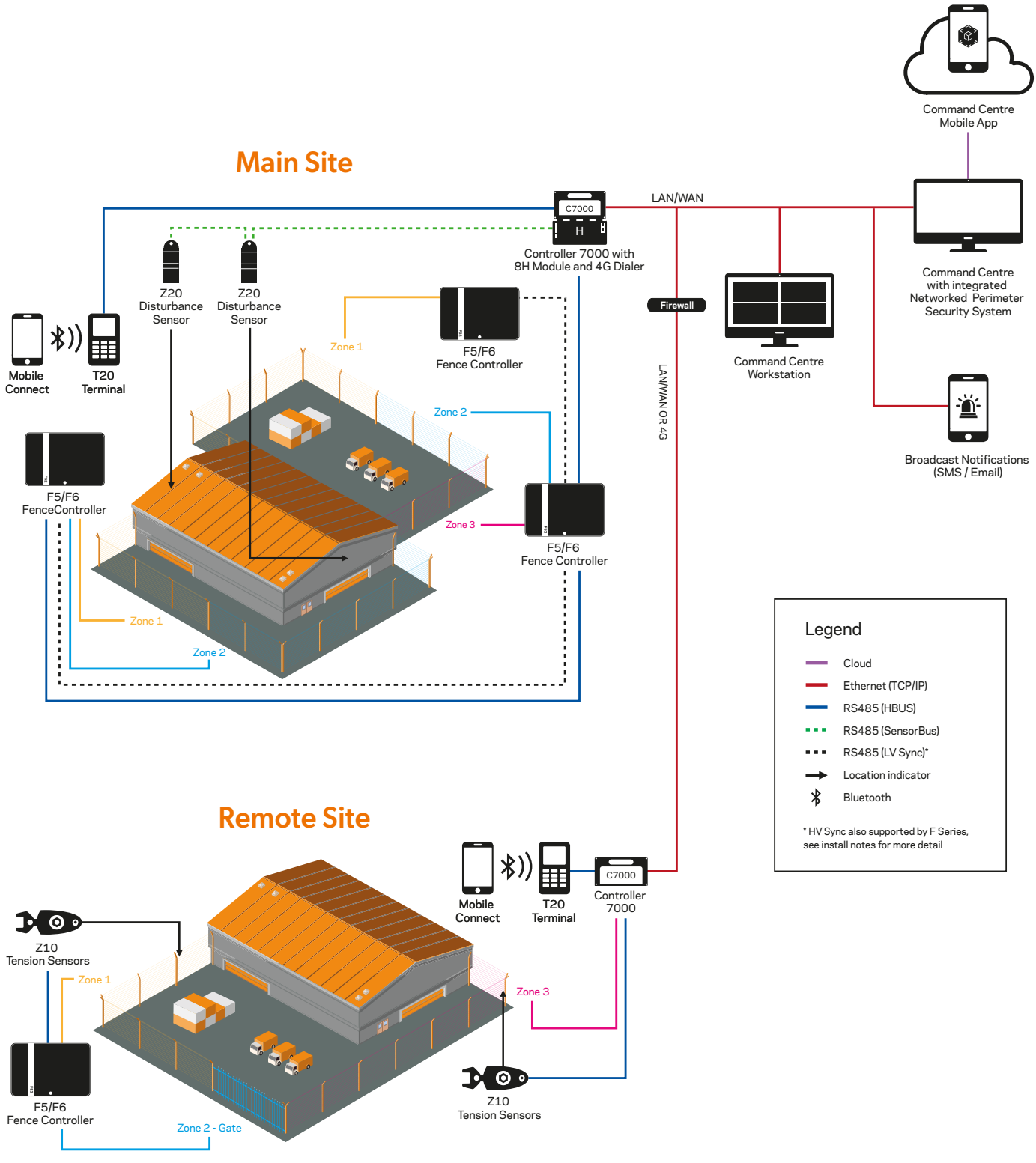
Together, these integrations help create a connected, intelligent security ecosystem that enhances operational efficiency, compliance and site safety.

For more information on available integrations, visit security.gallagher.com.

***Some integrations require optional licenses. Contact Gallagher or a Certified Channel Partner to find out more.**

Perimeter Systems Overview

Gallagher leverages cutting-edge research, development and manufacturing capabilities to bring complete security to diverse sites.



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