

# TRUSTED BY BRANDS & COMPANIES ACROSS EUROPE



## Market Leaders

CSL invented integrated dual signalling in 1996 and pioneered the move from wired to wireless technology in the electronic security industry. We are now trusted to protect over 350,000 premises throughout Europe including many major retail brands.

## Resilience & Intelligence

Our simple and reliable DualCom alarm signalling is powered by Gemini, a Critical Connectivity platform which facilitates the reliable delivery of alarms and data from the premises to the Alarm Receiving Centre (ARC).

Gemini checks the entire signalling route every minute providing the highest levels of resilience and reliability required by professional signalling systems.

We are the only signalling service provider with our own purpose built Network Operations Centre (NOC) to support the Gemini Platform. Installers also have access to the Gemini Insight web portal and CSL App for visibility on the performance of a signalling estate.

## WorldSIM

The multi-network WorldSIM is supplied with every DualCom as standard and has increased signal reliability to reduce false alarms by almost 90%. The UK's leading mobile networks are recorded into the DualCom's memory with the most reliable being selected automatically. Fewer line faults being sent to the ARC, means fewer false alarms for installers and end-users.

## The CSL Security Range

The DualCom GradeShift Range, the UK's fastest selling and most used dual signalling system, offers installers a reliable product that is easy to install on a single hardware platform for any grade of risk. It provides multiple signalling paths that embrace all available technologies.

GradeShift UDL enables Remote Servicing & Diagnostics (RSD) on an installed alarm control panel reducing the need for engineer visits. Extended formats such as Contact ID and SIA provide ARCs with more detailed information about the protected premises and alarm events.

Our single path options – DigiAir, G2r and G3r - eliminate call costs and are the ideal solution where there is no telephone line available.

# The CSL Security Range

## DigiAir

DigiAir utilises all mobile networks instead of a telephone line - an ideal upgrade for wired digital communicators.

- Eliminates call costs & phone charges
- Small enough to fit into any existing or legacy control panels
- Dial Capture provided as standard
- Fast Format, Contact ID & extended SIA
- Conforms to EN Grade 2/SP2
- Upgrade to DigiAir UDL available
- Multi-network WorldSIM as standard for increased reliability

## G2r & G3r

GradeShift single path options eliminate call costs and are the ideal solution where there is no telephone line available.

- No telephone line rental, call charges or dedicated line
- Remote upgrade to dual path signalling available
- Satisfies the full requirements of the EN Standards
- Compatible with all standard alarm systems
- Use for other non-security applications that require remote monitoring ie. Telemetry
- Multi-network WorldSIM as standard for increased reliability

## G2

GradeShift dual path option designed for low to medium risk premises.

- Multiple signalling paths - GPRS, telephone and/or IP/TCIP
- Detects signalling path failure in seconds (line cut, GSM blocking, network failures)
- Dual signalling is preferred by insurance companies and the Police
- GradeShift enables remote up/down grade for increased insurance specification
- EN Grade 2/DP1 dual path signalling service
- Polling via Gemini every hour
- Upgrade to GradeShift UDL available
- Multi-network WorldSIM as standard for increased reliability

## G3

GradeShift dual path option designed for medium risk premises.

All of the benefits of G2 plus:

- Ideal for large commercial premises
- EN Grade 3/DP2 dual path signalling service
- Polling via Gemini every 10 minutes
- Upgrade to GradeShift UDL available
- Multi-network WorldSIM as standard for increased reliability

## G4/Fire

GradeShift dual path option designed with the highest risk premises in mind.

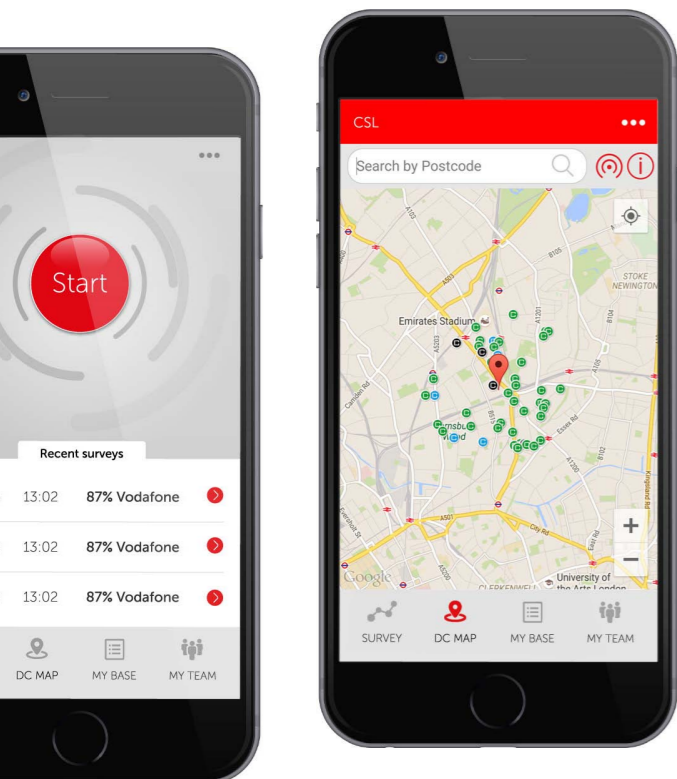
All of the benefits of G2 plus:

- The ultimate signalling solution for premium commercial installations
- EN Grade 4/DP3 dual path signalling service for maximum insurance approval and loss protection
- Polling via Gemini every minute
- Upgrade to GradeShift UDL available
- Multi-network WorldSIM as standard for increased reliability

## Remote Servicing & Diagnostics (RSD)

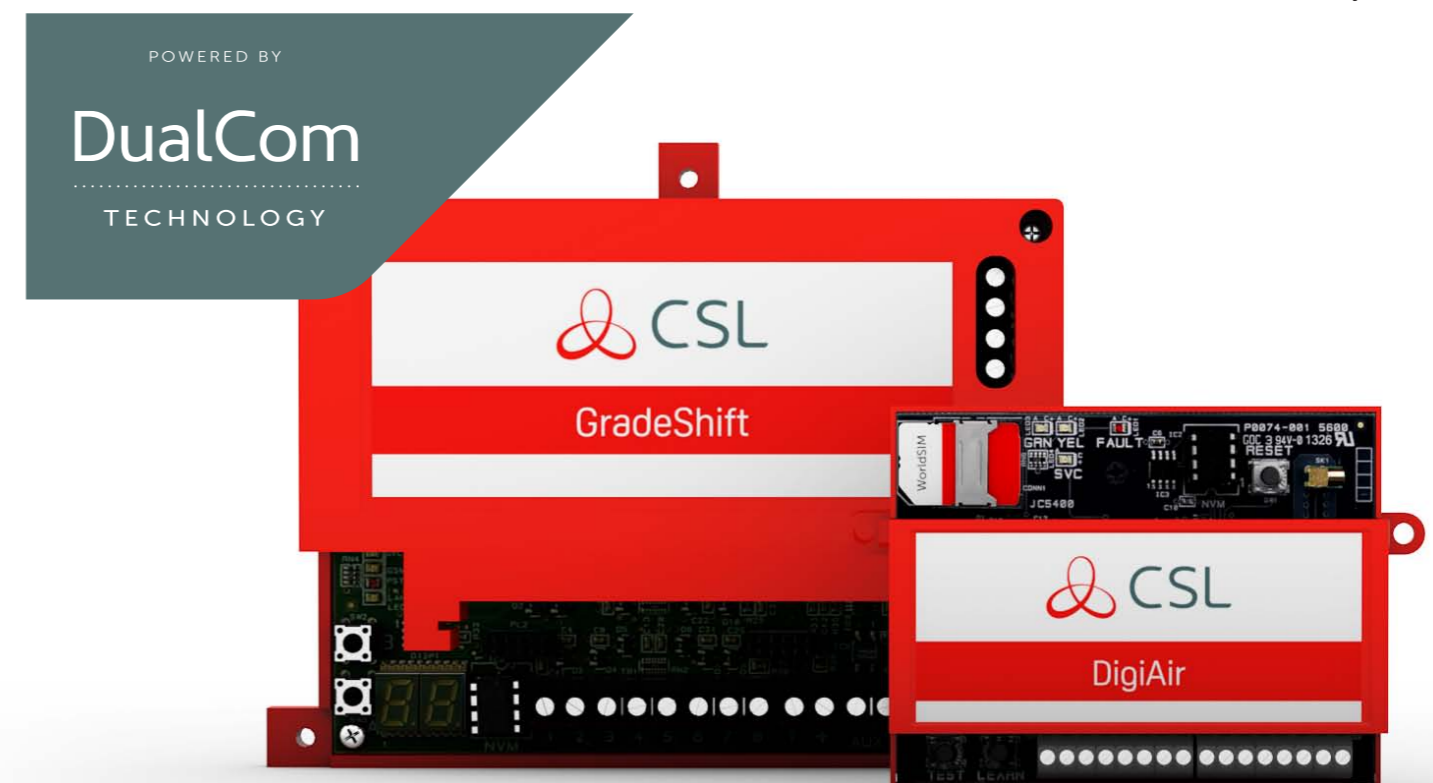
GradeShift UDL and DigiAir UDL upgrades are available to enable RSD on an installed alarm control panel.

- Reduces the need for unnecessary site visits to save valuable engineer time and cost
- Eliminates phone lines at the control panel and PSTN modems at the office by converting telephone lines to radio or IP
- The connection to the panel also gains additional protection from the Gemini Platform
- Multi-network WorldSIM as standard for increased reliability



The CSL App – download now from the App Store or Google Play

The CSL App has been designed to provide Installers with an in-depth overview of their entire signalling estate whilst on the move. The App is packed full of great features including important information on the polling status of the DualCom devices in your area on the DualCom Map.



Our DualCom GradeShift range offers a single piece of hardware for every grade of risk with interchangeable EN Grades.

	DigiAir	G2r	G3r	G2	G3	G4
Reporting Time Classification	G2/SP2	G2/SP2	G3/SP3	G2/DP1	G3/DP2	G4/DP3
ATS Value	ATS2	ATS2	ATS4	ATS2/ATS1	ATS4/ATS3	ATS5/ATS4
Environmental Class	II	II	II	II	II	II
Availability	A1	A1	A1	A2	A3	A4
Suitable for PD6662:2010 Installations	Yes	Yes	Yes	Yes	Yes	Yes
BS8243:2010+A1:2014	Yes	Yes	Yes	Yes	Yes	Yes
DD263:2010	Yes	Yes	Yes	Yes	Yes	Yes



All Insurance Grades Covered

Dual signalling is preferred by insurance companies and the Police for low to high risk properties. CSL is one of only two brands directly quoted by all leading insurers.



EN50136 Compliant

CSL uses independent verification to ensure products in our range meet the requirements of EN50136. This suite of standards is fully supported in the UK by the British Security Industry Association and throughout Europe.



Patents

We hold a number of patents and it is this patented technology that the DualCom uses to send its signal to the ARC via a WorldSIM.