

TOSi  **UK**

GARDiS Product Presentation





TDSi is part of the Vitaprotech Group of companies, which has a combined turnover of £85m and over 450 employees. Established in 1982, TDSi has been at the forefront of the Access Control and integrated security management market for over 40 years and manufactures exclusively in the UK.

- Powerful Integration Capabilities
- Web Based Software with REST API
- Scalable to Enterprise Level solutions

Our portfolio of Credential Readers, Door Controllers, Biometric Readers, Integrated Security and Video Management Software can be easily integrated into other Business Critical applications and can be deployed at organisations of all sizes and types.

VitaProtech

TDSi is part of the VitaProtech Group
Specialists in Intrusion, Electronic Access Control & Smart Video



Solutions by Industry

TDSi Access Control Solutions are used in a diverse range of industries throughout the UK and around the World



Finance



Utilities



Healthcare



Education



**Law
Enforcement**



Manufacturers



Data Centres



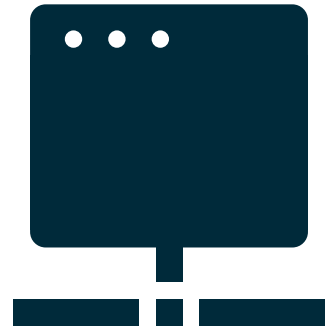
Defence



Quality Standards & Accreditations

- ISO 9001 Certified Manufacturer
- Cyber Essentials Plus Certified Manufacturer
- All TDSi products are certified to appropriate UK, EN, IEC, EMC and UL Standards





Controllers

GARDiS Web Embedded System

Example of a GARDiS Web Embedded Controlled System

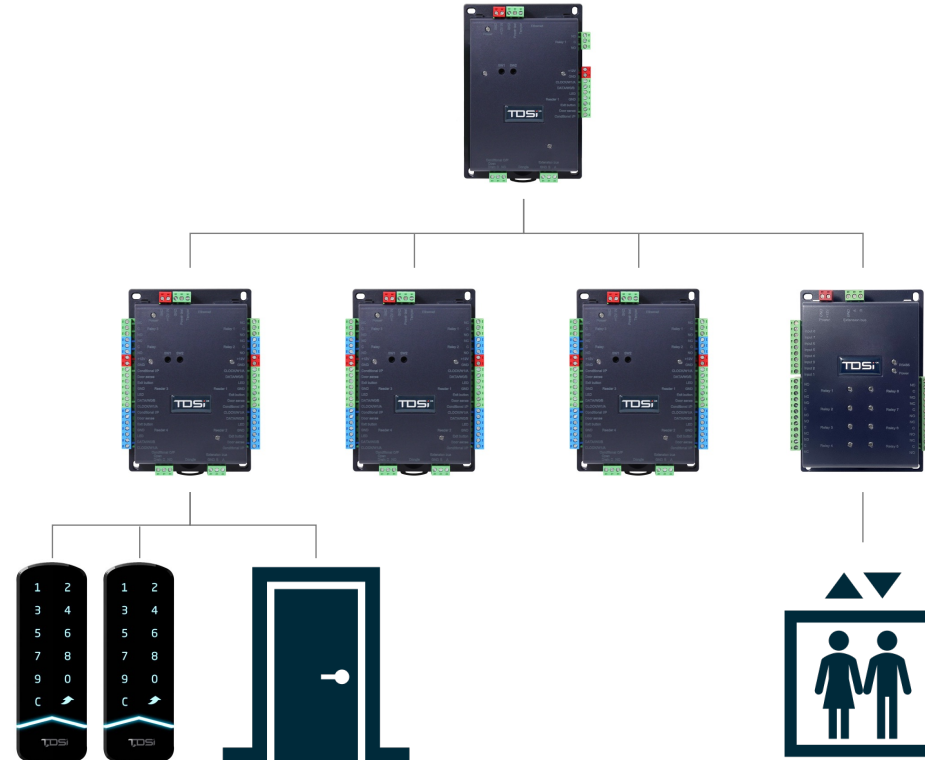
Features

Web Embedded System Key Features

- ✓ No dedicated Software
- ✓ 1 x Master Web Embedded Controller
- ✓ Up to 10 x EXT Slave Controllers
- ✓ Up to 44 Doors with License Dongle
- ✓ Up to 88 TDSi Readers
- ✓ Works with all Reader Technologies
- ✓ Additional I/O Extension for Lift Control
- ✓ Works with Wireless Locks
- ✓ No training required

Can easily be upgraded to use **GARDiS** Software to take advantage of additional functionality, multiple sites and powerful integrations.

GARDiS Web Embedded Controller



GARDiS Web Embedded Controller

User-friendly GARDiS Solution that is great for Smaller Sites

1 Single Site Solution

No Additional Software

Up to 5,000 Credentials

Up to 44 Doors

Fully Scalable & Upgradable

Local Browser Controlled



GARDiS Software Controlled System

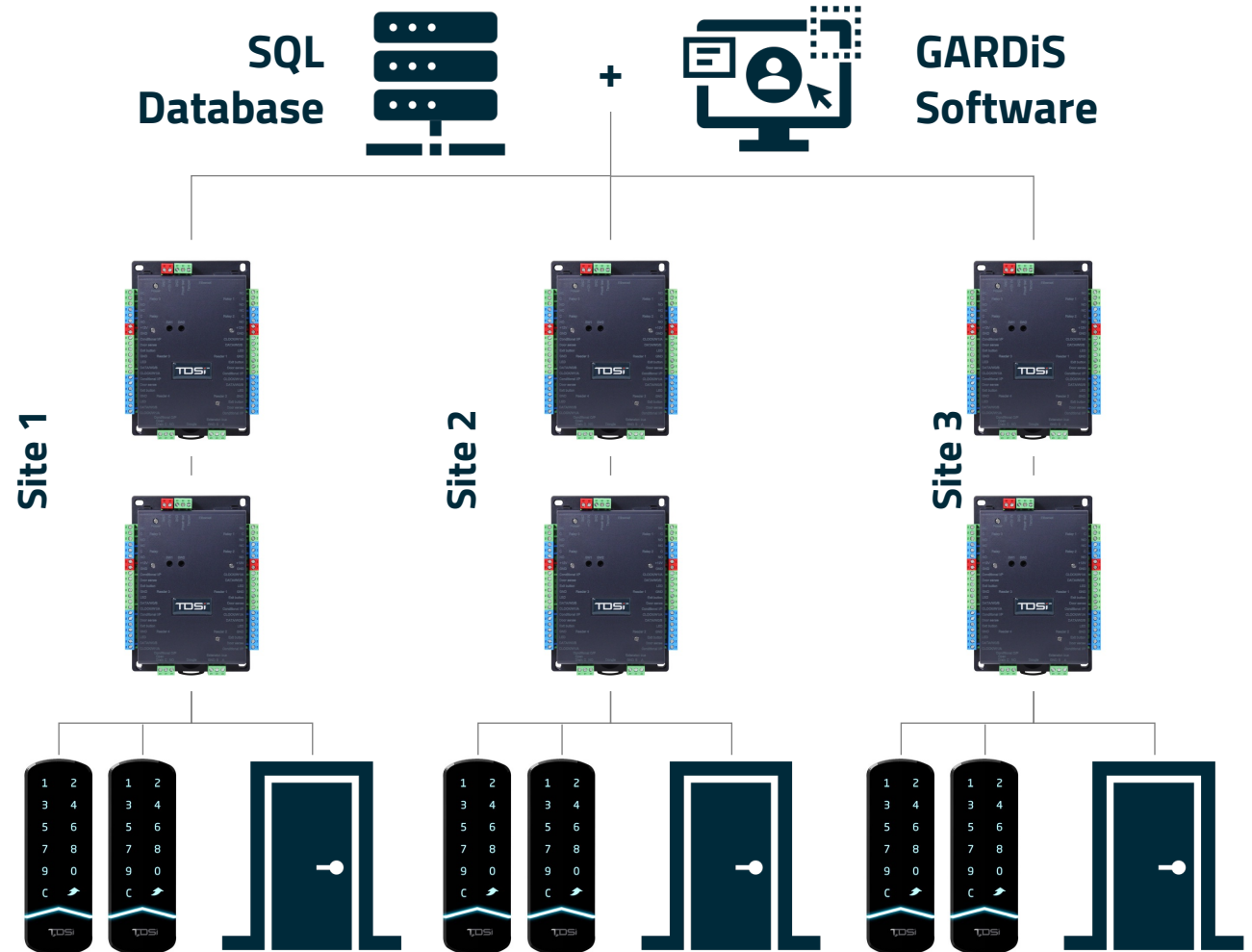
Example of a GARDiS Software Controlled System using GARDiS Enterprise Controllers

Features

Software Controlled System Key Features

- ✓ Runs as a Service
- ✓ Browser Driven
- ✓ SQL Database Integration
- ✓ Scalable from Express (20 Doors) to unlimited
- ✓ Multiple Sites
- ✓ Unlimited Credential Support
- ✓ Powerful Integration Modules
- ✓ Up to 10 x EXT Slave Controllers/Master
- ✓ Works with all Reader Technologies
- ✓ Additional I/O Extension
- ✓ Works with Wireless Locks

Better over time with regular Software updates and additional integrations.



GARDiS Controller

Suitable for Multi-Site Operation and 50,000+ Credentials



Multiple
Site Solution



Uses GARDiS
Software



50,000
Credentials



Powerful
Integrations



Enterprise
Upgrade Option



Web Browser
Controlled





Software

GARDiS Access Control Software

Browser Based Access Management Software available in two Versions



GARDiS Express

- ✓ 20 Doors
- ✓ 1 Site
- ✓ 1 Organisation
- ✓ SQL or 3rd Party Customer Database



GARDiS Pro

Standard

- ✓ 1000+ Doors
- ✓ Unlimited Credentials

Enterprise

- ✓ Unlimited Doors
- ✓ Unlimited Sites
- ✓ Unlimited Organisations
- ✓ Unlimited Credentials
- ✓ Each Category Licensed

- ✓ CCTV Integration Service
- ✓ ANPR Recognition
- ✓ Intruder Alarm Integration Service
- ✓ IP Lock Integration Service
- ✓ Visual Verification
- ✓ Lift Integration
- ✓ REST API
- ✓ Smartphone App
- ✓ SQL or 3rd Party Customer Database

GARDiS Access Control Software

GARDiS Access Management Software is the latest update to the GARDiS Platform

GARDiS 2.5

Released May 2023

- ✓ Pelco Integration
- ✓ Suprema Integration
- ✓ Hikvision Hikcentral Integration
- ✓ Mantrap
- ✓ Local APB
- ✓ Default Access Levels by Department
- ✓ Bulk People Updater
- ✓ Schedule GARDiS Controller Egress ID Points
- ✓ Custom Input and Output Names
- ✓ Import People feature allows updates of existing people and mapping of additional info fields
- ✓ Live updates to people list of location and reset button

GARDiS 2.4

Released June 2022

- ✓ Active Directory Integration
- ✓ Enhanced Site Maps
- ✓ Distributed Comms

GARDiS 2.3

Released March 2022

- ✓ Universal Decode Supports 3rd Party Readers
- ✓ Auto Detect/Custom Wiegand in GARDiS Controllers
- ✓ RS485 Readers in GARDiS Controllers
- ✓ Badge Design
- ✓ FILO Report
- ✓ Extended Site Lockdown
- ✓ Fusion Support
- ✓ Exporter Support
- ✓ GAMANET/C4 Integration (3rd party)
- ✓ Gpoll 1.0.8
- ✓ Automated Report Emails
- ✓ Password Reset via Email
- ✓ ACU Inconsistency Reporting

GARDiS Access Control Software

An ever-expanding suite of Integrations to enhance your Access Control System

We Integrate With

Simons  **Voss**
technologies

 **milestone**

ASSA ABLOY

SUPrema

PELCO

 **digiFort**

 Microsoft
Active Directory

Panasonic

Integrates With Us

 **Thinking Software**



ORBNET
SYSTEMS

HIKVISION

 **GAMANET**

 **DAHUA**
TECHNOLOGY

 **Yardi Bluepoint**

GARDiSVU

Hybrid-Cloud Browser Based CCTV and VMS Monitoring Solution

- Smart, Scalable Solution
- Quick to Set Up
- Complete Turnkey Solution
- 24/7 Cloud Based Monitoring
- Simple to Install
- Integrated with GARDiS Pro

GARDiSVU's hybrid-cloud architecture and ultra-simple installation allows for auto detection of connected IP cameras and dynamic management of IP addresses, along with a multitude of features for the monitoring, recording and management of multiple video streams



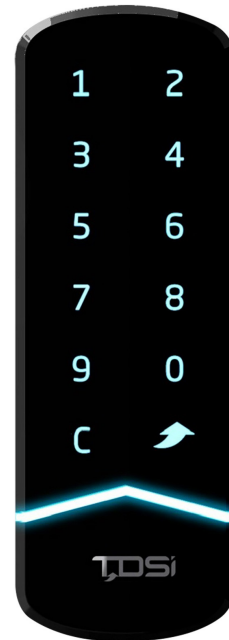
Readers

Access Control Readers

High quality Access Control Readers and Keypads deliver maximum choice to meet all project requirements



Proximity



MIFARE



Bluetooth



Biometric



Long Range

GARDiS Readers

Allow direct connection to all current TDSi Access Control Units



Available
With or Without
Keypads



Encapsulated
Polycarbonate
Enclosure



Industry
Standard Output
Formats



Square
& Mullion
Formats

Technologies

- Bluetooth Low Energy – MIFARE
- **MIFARE**
 - MIFARE Classic
 - MIFARE Plus
 - MIFARE DESFire
- **Proximity**
 - EM4100
 - EM4102
 - EM4200



Bluetooth Low Energy Readers

Simple, secure Access Control from your Smart Device

The GARDiS Bluetooth Low Energy Reader brings the Access Badge to your Android and IOS smartphones

- ✓ 5 identification modes for unique user experience
- ✓ The highest level of security
- ✓ Secure Storage
- ✓ Secure Exchanges compliant with Government Recommendations
- ✓ Multi-factor Authentication
- ✓ Able to withstand harsh weather conditions
- ✓ Offers a high vandal proof resistance
- ✓ Bluetooth low energy
- ✓ ABS plastic & metal housing – external or internal

Can work alongside, extend or replace traditional RFID Access Credentials, includes Offline and Online Programming Tools



Spectre Nano Long Range Reader

UHF Frequency Long-Range Solution which delivers read ranges of up to 20 metres

Spectre Nano uses ETA Tags or Smartphone Bluetooth to transmit a unique and highly secure encrypted code to a reading unit, these Readers are ideally suited where hands-free or remote operation may be required

- ✓ Low band 865 - 868 MHz / high band 902 - 928 MHz
- ✓ Cost effective UHF Reader
- ✓ IP65 certified - Weather, water, and dust resistant
- ✓ ABS and polycarbonate construction
- ✓ Up to 20m range using Bluetooth Smartphone
- ✓ IK10 certified vandal-proof front face structure

VESA 75x75 standard compatible mounting system allows for optimal wall or pole installation regardless of the site configuration



GARDiS: Delivering Peace of Mind

A platform designed to make Installation and Maintenance hassle free



**5 Year
Warranty**



**Cyber Ready
Controller**



**Multi Protocol
Intelligent Reader
Channels**



**No Engineering
Tools Needed**



**No Quibble
Returns**



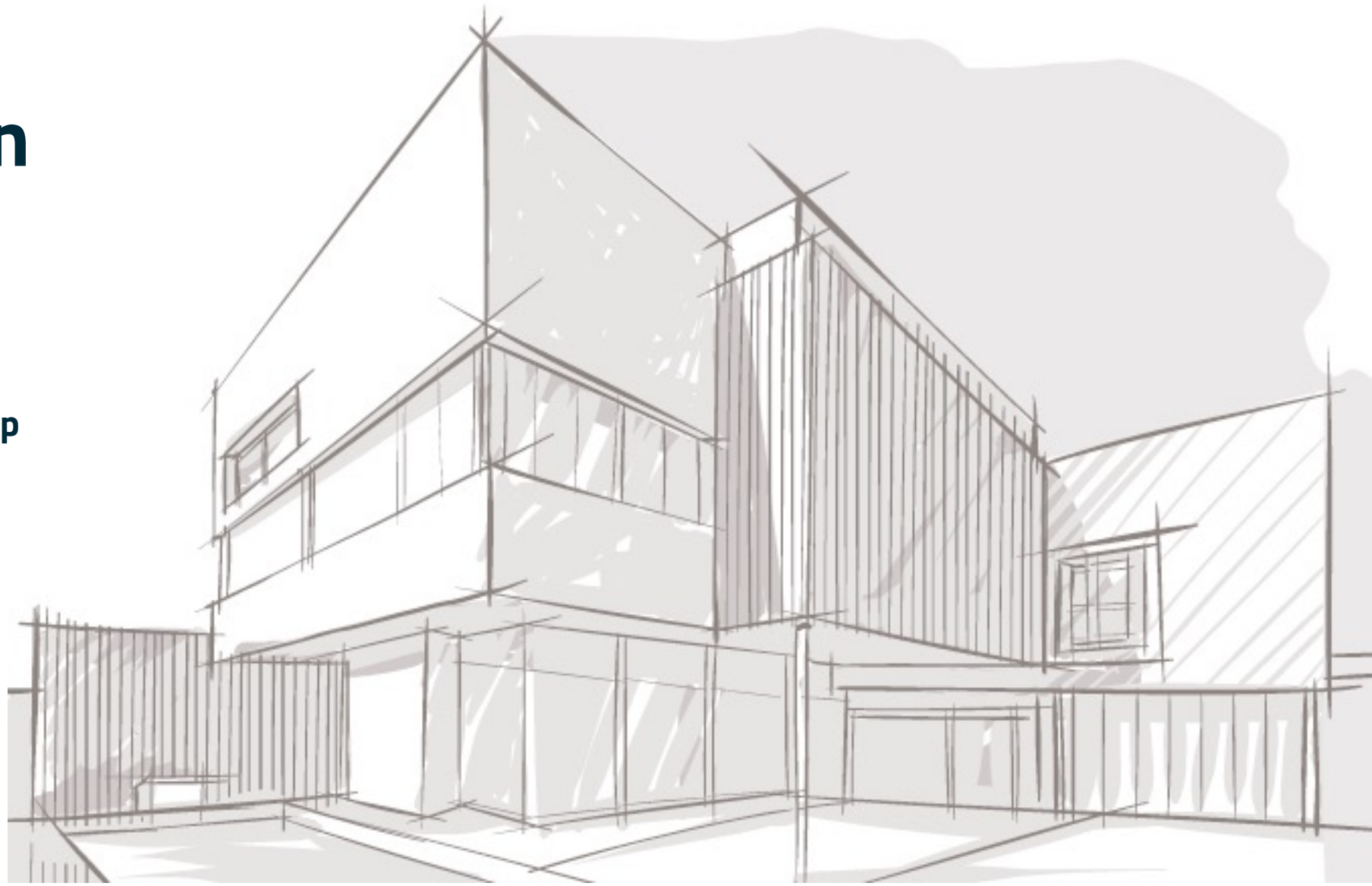
**True
IP Setup**

Design & Quotation Consultation



**We're always happy to help
with System Design and
Quotations.**

Just give us a call or email
and we'll do our best to
help you through the
project design and
quotation process.

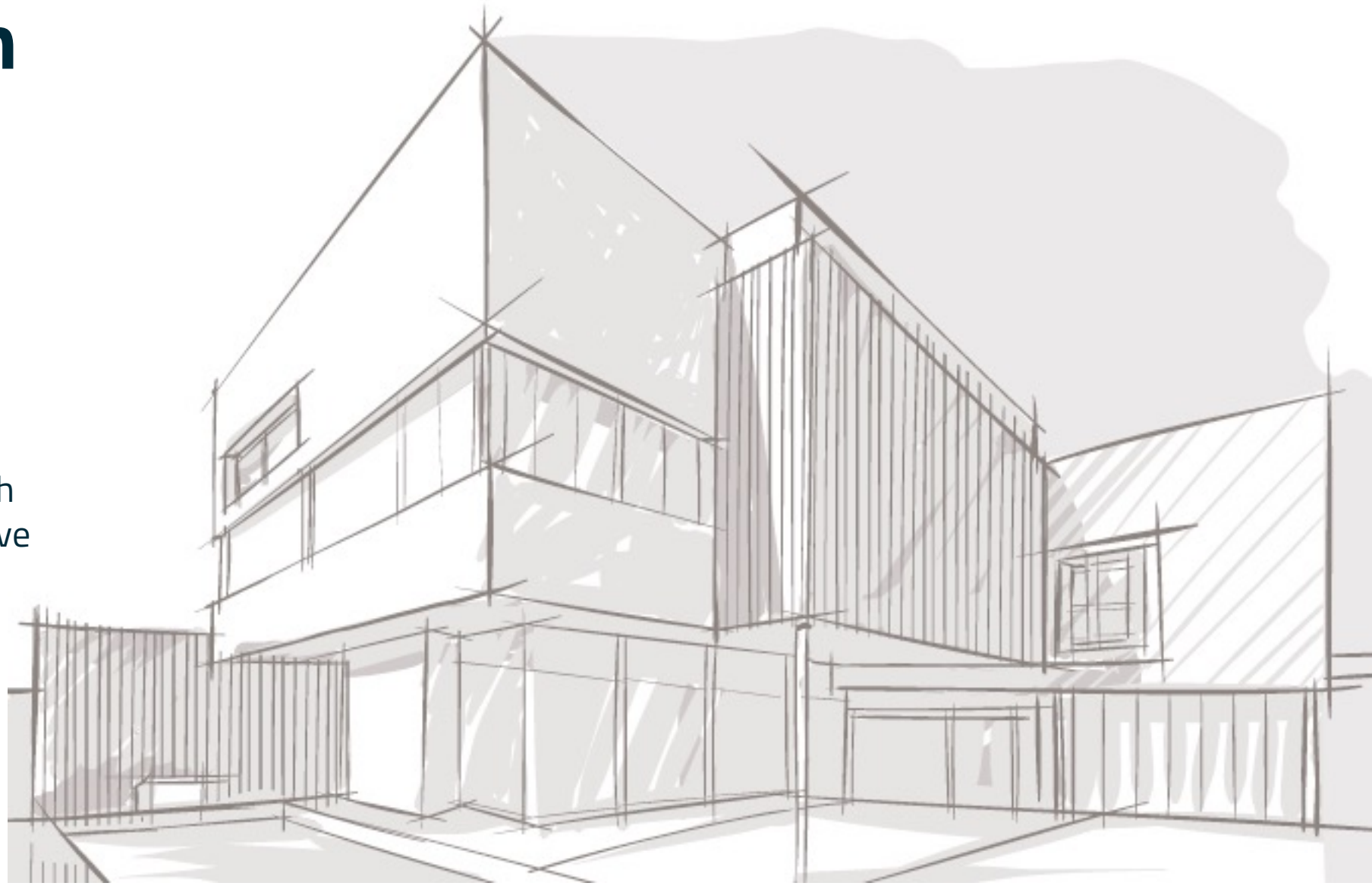


Project Registration



TDSi Partners are eligible for Project Registration

By registering your project and site details directly with TDSi you will not only receive project discount but you will also have protection against other installers who wish to specify TDSi on the project



Unlimited Support

The backing of a Dedicated Team and Expert Resources



Helpline

08:30 - 17:00
Monday - Friday



Comprehensive
Training
Programme



Technical
Documents &
Guides



TOSi ^{UK}

GARDiS Product Presentation

Thank You

CELEBRATING

40

YEARS

1982 - 2022