European Standards for Intruder Alarm Systems.

The Protege WX and Protege GX DIN Rail Controllers have multiple certifications. But what are they and what benefit do they bring to you?

The certification.

EN50131: European Standard for Intruder Alarm Systems.

The meaning and benefit.

ICT's Protege WX and Protege GX controllers meet the European Standards set for intruder and hold up systems. EN50131 requires the platform to undergo a comprehensive, independently verified, testing and assessment process to ensure that the modules associated with the designed system meet a set of predefined criteria. Based on the design and testing of the intruder alarm /hold up system, a grading is applied from level 1 to 4 based on the level of risk they can protect agains.

> **Grade 1:** Is for an installation with a low risk of theft. It assumes that an opportunistic intruder is simply going to break open a door

> **Grade 2:** Is for a slightly higher risk of theft. The thief is likely to check the building for ease of access through doors, windows and other openings

> **Grade 3:** Is for a reasonably substantial risk property. The thief could be very experienced with intruder alarm systems and possess a number of tools and equipment to overcome the system

> **Grade 4:** Is for very high-risk properties. Intruders could be expected to plan a burglary in advance and have the knowledge and equipment to alter parts of the intruder alarm system to prevent detection. It is assumed that the intruder could gain access by penetration of floors, walls and ceilings. The intruder is unlikely to be working alone

ICT's controllers meet the Security Grade 4 requirements. This means they can secure extremely high-risk domestic and commercial properties, such as jewellery stores. The risk assessment for Grade 4 systems looks at the fact that Intruders could be expected to plan a burglary in advance and have the knowledge and equipment to alter parts of the intruder alarm system to prevent detection.

No matter your premises, having a system that is graded for the highest level possible means you know that you have robust security in place. By taking advantage of the full features of the Protege WX and Protege GX platforms, as well as the third-party integrations available for video management systems, you can create a full and smart solution.

For our other high-grade security certifications, please see:

> OSDP 2.2 Explained

> Class-5 Certified

Target applications.

Any place and vertical can benefit from a robust unified access control and intrusion detection solution, including:

> Residential buildings and dorms

> Mixed-use facilities

> Commercial buildings

> Government facilities

> Utility facilities

> Office buildings

> Warehouses and factories

> Airports and transport hubs

> Correctional facilities

> Banks and financial institutions

To see the list of requirements for setting up the Protege WX or Protege GX controller for either certification, please see:

> PRT-CTRL-DIN: Protege GX DIN Rail Integrated System Controller Installation Manual

> PRT-WX-DIN: Protege WX DIN Rail Integrated System Controller Installation Manual