



Protege Systems Overview.

ProtegeWX[®]

Security for savvy businesses.

Protege WX is a flexible, all-in-one, web-based system that integrates access control, intrusion detection, and building automation into one simple unified solution.

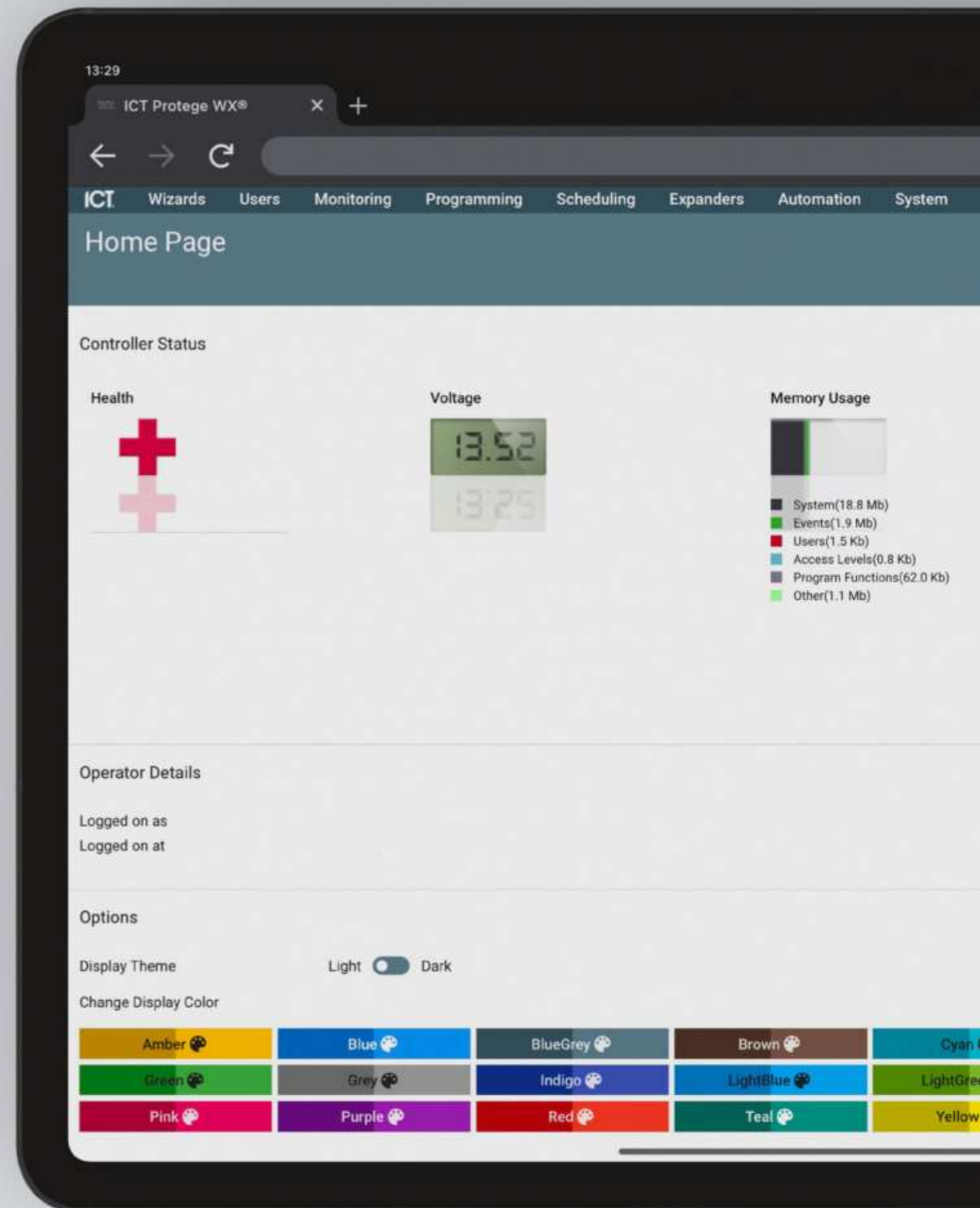
It's quick to setup and intuitive to use thanks to its familiar web-based technology. The wizard-driven interface guides you through the system configuration and can be fully deployed and operational in less than 5 minutes!

The online interface also means you have a full unified view of the property wherever you are, whether you use a desktop or laptop, tablet, or smartphone.

A Protege WX solution can make access control and intrusion detection a breeze in any industry, for anyone who needs it.

Key benefits:

- > Anywhere, anytime access
- > Quick to setup, intuitive to use
- > Start small today, go big tomorrow



ProtegeGX[®]

**Enterprise complexity.
Made simple.**

Protege GX is an enterprise level integrated access control, intruder detection, and building automation solution with a feature set that is easy to operate, simple to integrate, and effortless to extend. Feature rich, scalable, completely customizable, and designed for end users, so you spend less time maintaining the system.

Offer valuable insights into any organization with a comprehensive suite of reporting functionalities. The extensive integration possibilities maximize your customers' investment while delivering a seamless solution. Since all installers and integrators must be certified to install a Protege system, you can assure your customers that you have the necessary expertise. Thanks to its modular design and scalable licensing model, the system easily adapts to your customers' evolving needs.

The flexibility provided by Protege GX enables security professionals to tailor specific solutions across any vertical to meet even the most bespoke needs.

Key benefits:

- > Designed for the end user
- > Endless integration possibilities
- > Information at your fingertips
- > Effortless to extend

The screenshot displays the ProtegeGX software interface. At the top, a navigation menu includes: ICT, Global, Sites, Users, Events, Reports, Monitoring, Salto, Programming, Groups, Expanders, Automation, and About. The main content area is titled "Status page" and is divided into several sections:

- Areas:** A table listing various areas and their status.
- Doors:** A table listing various doors and their status.
- Floor Plan:** A 3D architectural rendering of a building with various rooms and doors labeled, such as "Elevator control", "Meeting room", and "Entry station".
- All Alarms:** A section displaying a list of active alarms with columns for Status and Description.

The "Areas" table contains the following data:

Name	Status
ERE Reception Area	Disarmed, Disabled
ERE Carpark Area	Disarmed, Disabled
ERE Maintenance Room Area	Armed, Enabled
ERE Storage Room Area	Armed, Enabled
ERE Office Area	Disarmed, Disabled

The "Doors" table contains the following data:

Name	Status
ERE Reception Entry Door	Closed, Locked
ERE Carpark to Elevator Door	Closed, Locked
ERE Reception to Maintenance R	Closed, Locked
ERE Reception to Storage Room	Closed, Locked
ERE Reception to Staff Room	Closed, Locked

The "All Alarms" section shows a list of alarms with columns for Status and Description. The visible entries include:

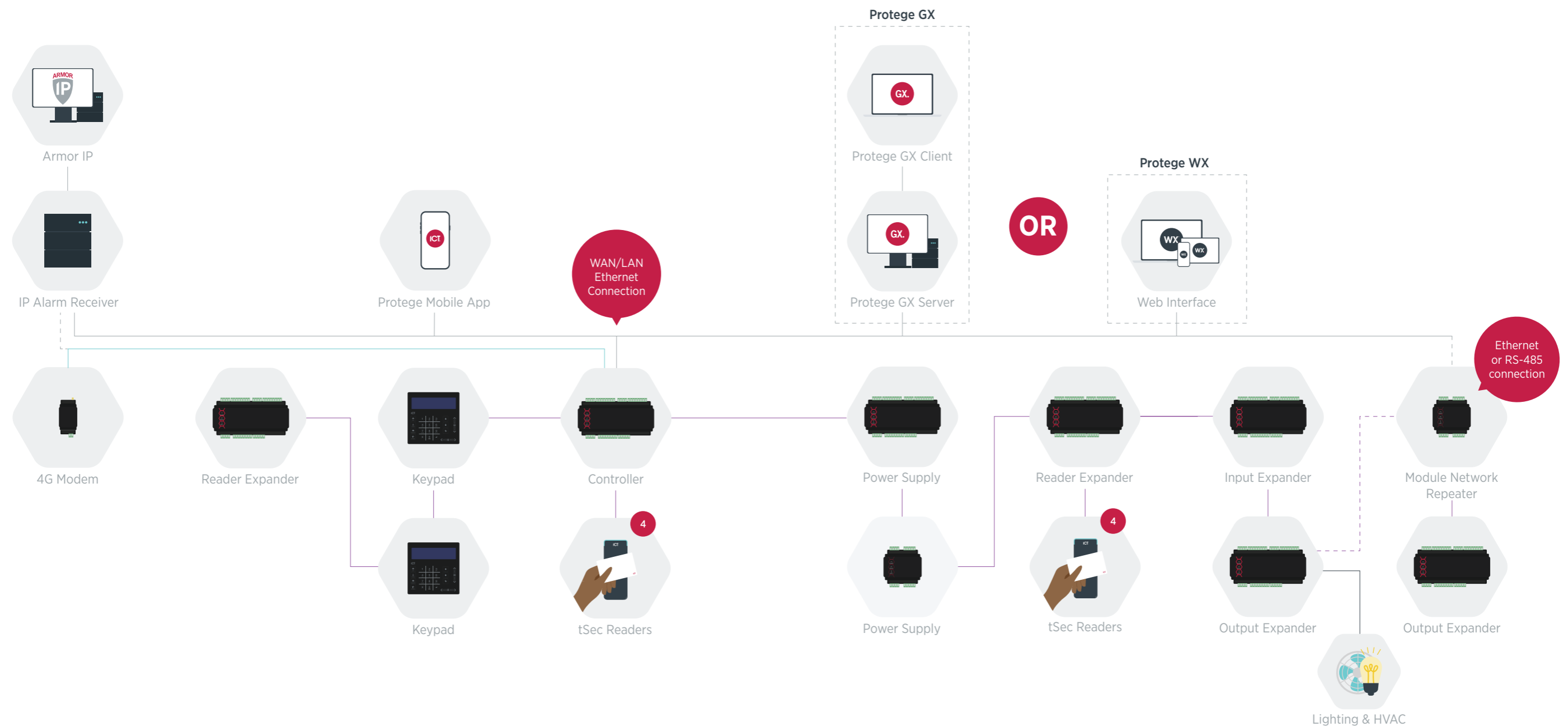
Status	Description
!	Door ERE Office E...
	User Eric Nam (1...
	User Jamie Kano...
	Door ERE Office t...
	User Jieco Yoo (1...
	Door ERE Office t...

A system that grows with you.

No matter the size or industry – enterprise or independent - we've got you covered.

For a small or medium business platform that will have you set up in no time, Protege WX is ideal. Or for large organizations, Protege GX delivers everything you need for comprehensive access, intrusion, and automation.

Our expandable hardware modules and range of license options allow you to scale your system as your needs grow. Start with the controller and effortlessly add optional accessories and features. Need more PIRs? Just add a Protege input expander. Want more doors? Simply add a Protege reader expander. Expand your Protege system even further with integrations for video management, wireless locks and sensors, elevator control, and much more.



The TSL:

Where form meets function.

Sleek and stylish, with a range of optional features, there's a TSL access reader for everyone. Available in three sizes, in black or white, with multiple card capabilities, and an optional keypad, you can select the model to fit your needs and aesthetics.

- > **Future-proof.** Multi-technology enables low frequency 125kHz, smart MIFARE DESFire 13.56MHz, and Bluetooth*/NFC ICT Mobile Credentials support from one reader.
- > **Bring your credentials.** No need to replace everyone's credentials, as you can transition from low to high frequency at your own pace.
- > **Easy to maintain.** Eliminate manual processes and ensure systems are up to date in no time with over the network firmware updates.
- > **Quick to install.** The Quick Connect Plug enables fast installation, while reader configuration is done with any smart mobile device via the Protege Config App.
- > **Status at a glance.** With 16 different colors of your choice available, the configurable LEDs provide clear visual feedback. As well as simply showing whether a door is locked or unlocked, LEDs can be programmed to provide a visual status, such as a solid purple to indicate an area is disarmed, or a flashing orange and red LED to indicate the area is in alarm.

“ The system is fantastic. Working with ICT has provided a robust solution and we've had no problems with implementation. ”

- Richard Ertel, Head of Technology at Shore Junction.



Countless credential choices.

With the ability to assign 8 credentials to each user, access management has never been easier.

Available in standard 125kHz, or MIFARE and DESFire 13.56MHz smart format which offer a higher level of security, more convenience, and multi-sector functionality.

Our cards and fobs support multiple vendor credentials. Loading multiple credentials enables you to use one card to seamlessly access areas on site that may be controlled by more than one system.

Available credentials:

- > Proximity Cards
- > Smart Cards
- > Proximity Standard Key Fobs
- > Mobile Credentials
- > Proximity Silicone Wristband
- > 2 and 4-Button Transmitters
- > Proximity Adhesive Disc

Our Wireless 433MHz 2 and 4-button transmitters are perfect for garage and gate access and are available with an optional DESFire, MIFARE or HID compatible proximity device, allowing them to be used for standard door access. **Smart solutions made simple.**

Credential and compliance types:

Credential types enable alternative forms of user identification to be recognized by the Protege GX system through Ethernet ports or RS-485 reader ports. This allows applications such as legacy card formats, license plate recognition, and integration with third-party modules for PINs, passwords, or biometric formats to be read by the system.

This also enables compliance types to be programmed into the Protege GX system. Compliance types allow you to control access to doors based on compliance requirements. Any custom requirement can be used alongside standard cards, fobs, and PINs.

This is perfect for:

- > Health and safety training that users are required to complete periodically
- > Completion of company or job site induction
- > Driver's license or vehicle certification
- > Industry training certificate qualifications



Mobile solutions.

Access and control. In the palm of your hand

Use the Protege Access+ app to monitor and control your clients' sites while on the go. You'll be notified if there's an incident and can then immediately check the app to evaluate the situation and trigger any required action.

For Protege GX customers, this means no more second guessing whether they set the alarm before they left the office – the app provides instant awareness of system status and enables them to arm or disarm with a simple tap.

Offer your clients a full building solution by extending this to building functions, so they can turn on the lights or HVAC before they're at the front door.

Mobile credentials

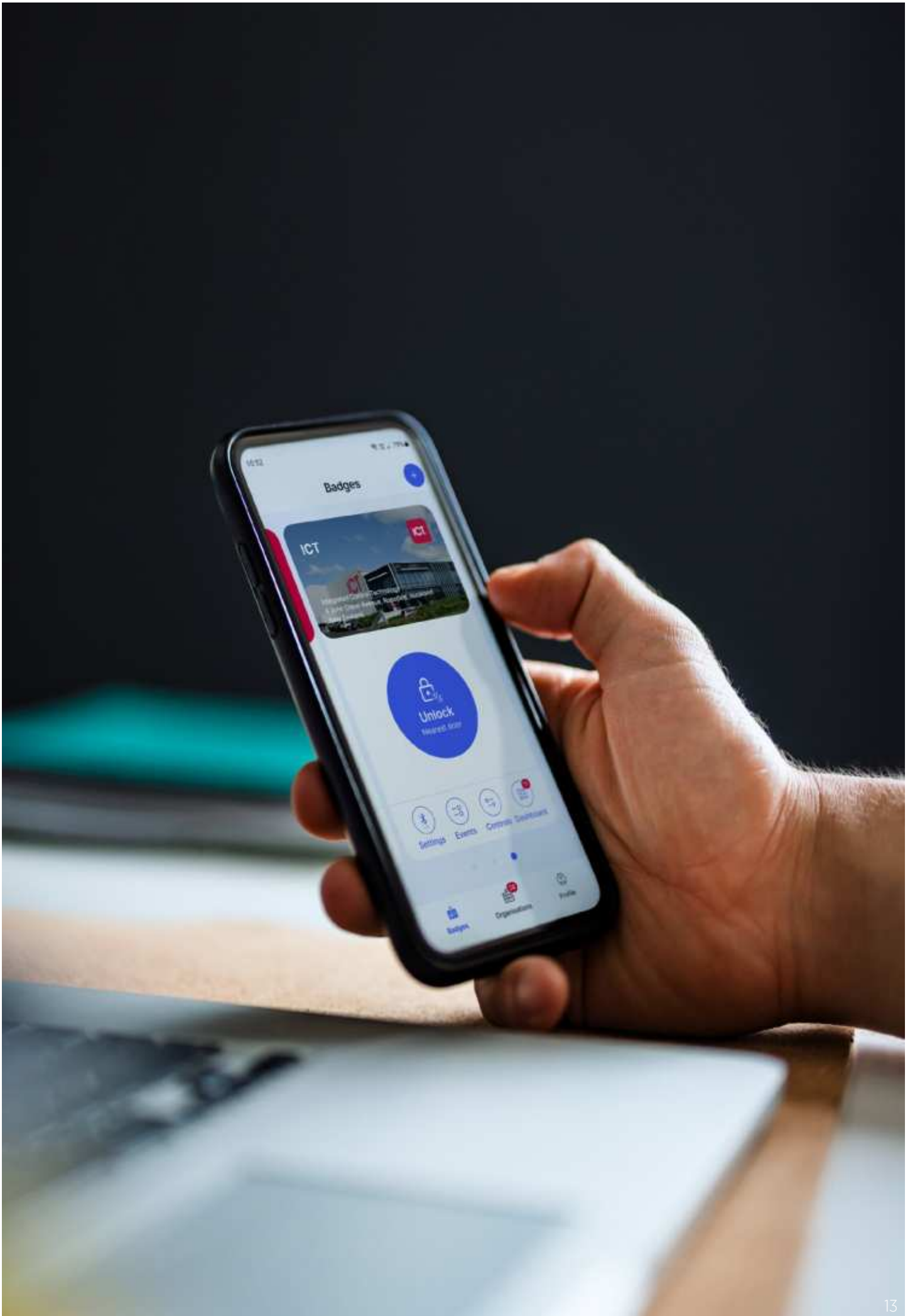
Mobile credentials are virtual credentials that provide card-free access via a smartphone.

For an installer/integrator, ICT Mobile Credentials eliminate the time spent handling physical access cards, and with everything managed online, there's no freight costs or delays, so customers can access them immediately. Multiple credentials can be stored on a single device – perfect for those managing multiple sites.

Mobile SDK

The ICT Mobile Software Development Kit (SDK) is a valuable tool for combining access control functionality with an existing app. By providing access to our mobile APIs and services, we make it possible for developers to build integrations allowing third-party apps to access and transmit ICT Mobile Credentials for use with ICT readers and access control systems.

For example, a gym can provide a completely unified solution, including class schedules and bookings, purchases, and door access, from a single app.





High security.

Protect your most valuable assets.

Secure what matters most with ICT's ASIAL Class 5 certified solutions. Designed to meet the highest standards of security, our systems provide unparalleled protection for critical environments, ensuring peace of mind for organizations with the most demanding security needs.

Certified by ASIAL, the leading security association of Australia, the ASIAL Class 5 certification is the gold standard for security systems in Australia and New Zealand. It is based on the AS/NZS 2201.1:2007 standard for intruder alarm systems, which involves rigorous testing and strict compliance to ensure maximum reliability and effectiveness.

This certification is intended for systems installed in environments where any breach could result in catastrophic consequences, such as government agencies, banking institutions, data centers, correctional facilities, energy utilities, and other critical infrastructure.

ICT's Class 5 solutions demonstrate the capability to provide a high-security option to defend against today's most pressing threats. Our certified Protege systems and products have been thoroughly tested to meet and exceed the rigorous requirements associated with Class 5. Choosing ICT means you get reliable, advanced technology, and enduring protection for your organization.

Key benefits:

- > State-of-the-art encryption and protection
- > Uncompromised communication and uptime
- > Comprehensive system support

Protege DIN Rail.

The heart of the Protege GX system, the controller is the central processing device responsible for managing security, access control, and building automation, while providing seamless control from a browser interface. All controller models provide onboard access control, with the key difference being the reader ports and number of doors that can be controlled without the need for additional hardware.

The IP controller features two reader ports. This allows the connection of up to four readers (two entry, two exit) controlling two doors. Reader ports can be configured for either Wiegand or RS-485 reader operation.

Further doors can be controlled by adding reader expanders up to a maximum of 128 doors. The IP controller enables reporting over Ethernet with the option of 4G when used with the Protege Cellular Modem – no need to tie up phone lines. However, our dialer controllers are available if required.

DIN Rail products that are purchased and installed by Protege GX certified partners are eligible for an extended 5-year warranty.

Why DIN Rail?

Built tough

- > The enclosed design provides more durability and protects internal circuitry.

Intelligent design

- > Front panel LED indicators show the status of a device at a glance, while removable plug-in terminals allow for easy servicing and rapid deployment.
- > The versatile, modular design means you can easily add to the system as needed.

Easy to install

- > A plug and play solution. Mounting is as simple as clicking the module into place, and all you'll need to remove it is a flat-blade screwdriver, which comes with the controller.
- > The rail mount enclosure means it integrates seamlessly into large scale installations alongside high end HVAC and electrical switchboard components.
- > Compact size translates to a higher installation density, saving valuable control room real estate, for more control in less space.



Who is ICT?

Integrated Control Technology (ICT) is an award-winning global manufacturer of security solutions. For more than 20 years, ICT has led the way with their **unified systems** for access control, intrusion detection, and building automation.

In 2003, ICT began with a unique vision to provide innovative and easy-to-use electronic access control and security solutions. Tens of thousands of companies worldwide use ICT products and systems every day, and our vision remains steadfast and ingrained in all we do.

“ My vision is to make access, intrusion, and automation easy for our customers. A lot of security products are complicated and only offer one service. Our driving idea is that you create success – and value – when you combine them into a unified solution. ”

- Hayden Burr, Founder & Chief Innovation Officer, ICT.

20+
YEARS

50+
COUNTRIES

30K+
INSTALLATIONS

Headquartered in Auckland, New Zealand, ICT supports customers with sales, service, support, and training from local teams in the USA, Canada, EMEA, and APAC.





Become an ICT Partner.

ICT's network of market leading security partners are supported by a quality training program and the guidance of first-class sales, service, and support teams. Our partners play an integral role in our sales and support network, providing the expertise and experience to help you plan, deploy, integrate, and manage an ICT solution.

Interested in becoming an ICT Partner? Head over to www.ict.co to sign up and start seeing how a truly intelligent system can benefit you and your customers today.





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