ievo

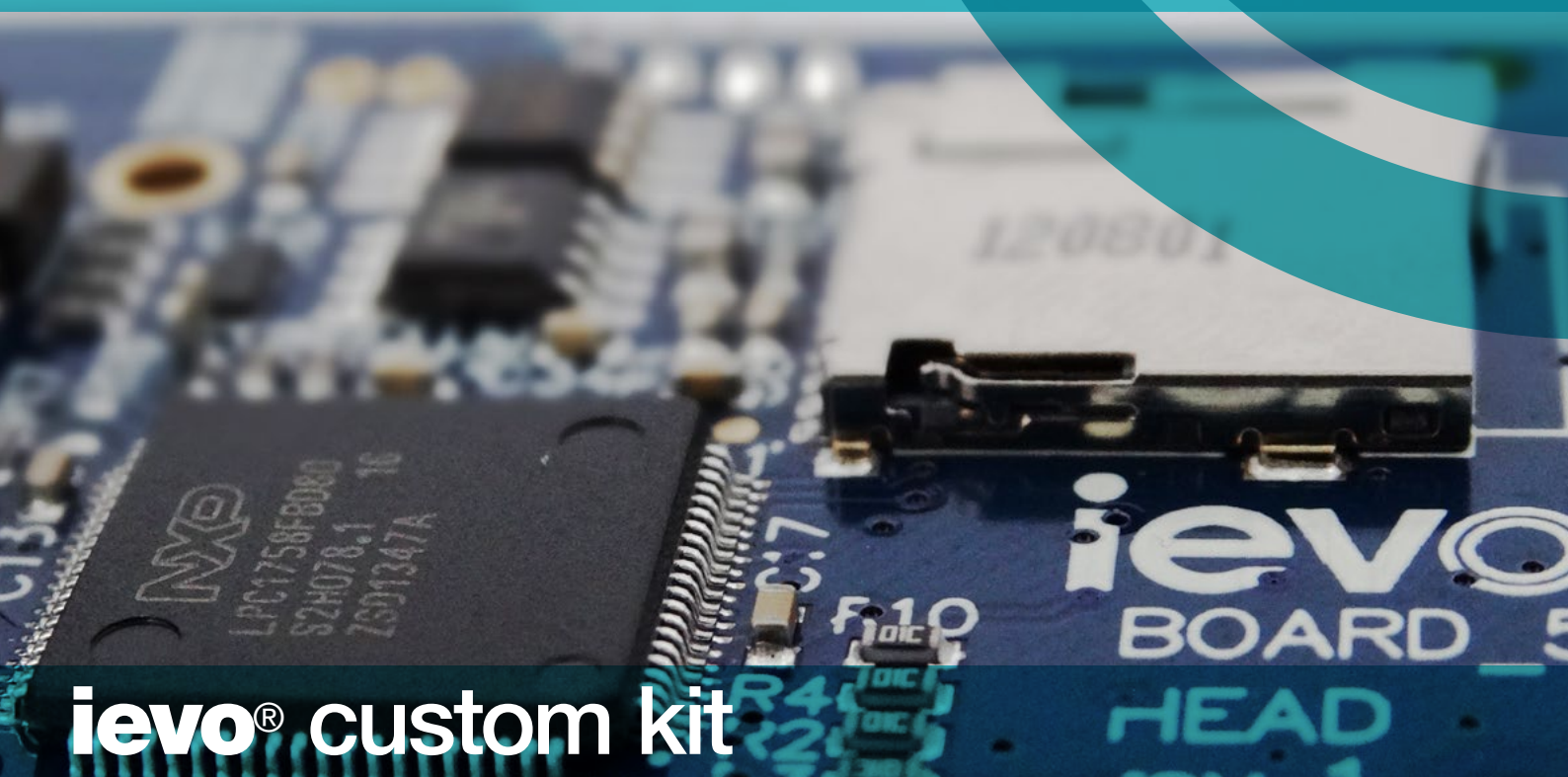**Security solutions
as individual as you are.**

ievo® custom kit

RAISING INDUSTRY STANDARD

Successfully launching two superior biometric fingerprint readers for internal and external use, we have already begun raising the industry standard of security solutions. This has been achieved by listening to customers feedback, and finding out exactly what they want from an access control system.

This tradition is at the heart of **ievo**®'s product development which is reflected in the newly designed **custom kit** range. This means you have the ability to create a personalised biometric access control unit to suit your specifications needs, without altering the look or design of the fingerprint readers themselves. It also gives you the opportunity to fully service your readers in case any individual elements were vandalised, damaged or in need of repair.

The **custom kit** is effectively our way of giving you the power to control and perfect your own biometric security system, that will open new markets, ease use and increase functionality.

NEW MARKETS

You now have the ability to 'upgrade' your biometric reader to hold up to 50,000 fingerprint templates, as well as integrate a card reader which can be used alongside pre-existing cards, **ievo**® biometrics or a combination of both. This could open new markets such as universities and leisure club groups.

EASE OF INSTALLATION

We understand that installation on each project or site varies and can be challenging at times. We want to help combat this by giving you the flexibility to 'cherry pick' **custom kit** elements depending on the project size, location and specifications.

For example, by upgrading to PoE to power the **ievo**® control boards, cabling will be reduced and localised power is not required which is perfect for remote locations.

FULLY SERVICEABLE

Both the **ievo ultimate**™ and **micro**™ fingerprint readers can be customised in addition to the standard units, and fully serviced depending on the requirements of the project.

For instance, the standard control board on both **ievo ultimate**™ and **micro**™ are fitted with a power regulator to reduce the risk of the board overloading, however, if any of the elements were in need of repair, they can be replaced singly instead of having to repurchase an entire board and its components. This gives you complete flexibility and could cut costs over time.

Each of the different elements that you can use to customise and fully service your **ievo**® readers are detailed overleaf.

www.ievoreader.com

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CUSTOM OPTIONS:

CARD READER

If there is already an existing card reader installed at the site, then you can replace this card reader with the **ievo®** custom **ultimate™** and **micro™** option. This additional functionality allows the users to use pre-existing cards, **ievo®** biometrics or a combination of both (please see 1:1 template on card) typical applications include visitor access.

1:1 TEMPLATE ON CARD

Combining smart card technology with biometrics provides a way to create a positive binding of the smart card to the card holder, therefore providing strong verification and authentication of the card holders identity. Template is on the card as opposed to a database, thus enabling you to far exceed 50,000 users.

INCREASE TEMPLATE CAPACITY

Currently, both **ievo ultimate™** and **micro™** facilitate 1:N 10,000 fingerprint templates. Depending on your projects needs, you can upgrade and increase this to 50,000 fingerprint templates. This option is particularly useful for larger installation sites or multiple installs for example, gym membership systems and construction sites.

POWER THE BOARD AND READER VIA THE ETHERNET

By using PoE to power the **ievo®** control board, installing an **ievo micro™** or **ultimate™** reader becomes faster, easier and more cost effective. There is no need to include a local mains power supply, saving on extra cabling and installation time. The **ievo®** reader with PoE simply plugs straight into the existing LAN using a standard RJ45 connection powered from either a PoE switch or a PoE injector. It is then detected on the network as normal.

WIRELESS OR BLUETOOTH COMMUNICATION

Instead of using the LAN cable for a connection to the readers, you can use a Wi-Fi router/switch or Bluetooth. This added benefit could save installation time and costs to the clients. This facility can be used not only for standard communication to the ACU, but also allows engineers with the correct access rights to register fingerprints remotely. This is particularly useful for sites that require external network to signal the readers, for instance car parks and turnstiles, instead of cabling above or under ground, you can do it via wireless network communication.

SINGLE CONTROL BOARD FOR READ IN AND READ OUT BIOMETRICS

Normally for read in and read out biometrics two separate control boards would need to be purchased alongside the readers being used. Having the ability to use a single control board and adding an extra reader head means not only are costs reduced, but there will be less cabling and space used for installation.

TWO LINE SCREEN

The Network Time Protocol (NTP) clock is perfect for time & attendance systems were users want to see the date and time they scan in and out. It runs on the network, therefore date and time updates automatically, meaning the date and time matches the network that the reader is operating on.

IN ANY COLOUR YOU LIKE

By simply providing **ievo®** with a colour RAL/Pantone number we can supply you with the required number of readers to exactly match your colour. This has proven to be essential when specifying into new builds with corporate colour requirements.

TECHNICAL DATA:

CPU	ARM9 @ 454MHz
Memory	RAM up to 256MB Flash up to 2GB
FRR	< 0.1%
FAR	< 0.00001%
Identification Speed	< 0.7 sec
Template Capacity	1:1 or 1:N 10k - 50k
Log Capacity	200,000 rolling
Voltage PoE	12-24v AC/DC IEEE 802.3at
Current Draw	400mA - 1.2A
Output	Wiegand or clock & data (customisable)
Communication	TCP/IP IEVO/ Controller OEM Dependent
Power Indicator	LED
Certifications	CE, FCC
Wifi Bluetooth	802.11a/b/n 4.0

*Please refer to the individual **ultimate™** and **micro™** product datasheets for detailed technical data

You will be able to add components to the **ievo®** board allowing you to customise and fully service your readers. This will not change the look of the **ievo®** readers themselves.

You can also self diagnose by looking at the **ievo®** board, meaning if any elements were in need of repair, you will know exactly what needs replacing or fixed without hassle.

To find out more, visit:
www.ievoreader.com

email us at:
info@ievoreader.com

or give us a call on:
0845 643 6632

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