



impro technologies®  
ACCESS CONTROL



# Access Portal **S-SERIES**



[www.impro.net](http://www.impro.net)  
[www.xsbeyond.eu](http://www.xsbeyond.eu)



# The access control solution for all **BUSINESSES**



Impro Technologies' S-Series comprises cost-effective hardware that seamlessly operates on the Access Portal management software, to provide a holistic access control system.

## **The S-Series**

The S-Series is ideal for cost sensitive markets as up to eight SIR readers can operate from one single module – making it one of the most price competitive solutions in the market.

Installation efficiency is assured through the simple plug-and-play design of the hardware, coupled with the ability to hot-swap modules, without impacting on the system – simply unplug and replace.

The use of three-core cabling for the S-Series further reduces costs and installation time.

## **Security**

A key feature of the S-Series is the use of secure technology that provides enhanced protection against card cloning. Many traditional tag technologies have been compromised which may result in unauthorized users accessing the premises.

With Impro Technologies' 125kHz RFID tags this risk is reduced due to the proprietary communication protocol used, which gives increased peace of mind.

The system further encrypts communication between the hardware components of the reader, module and controller, for added security.

End-of-line sensing provides additional protection against tampering of cables, and an alert can be automatically sent should an event occur.



### Scalability

The S-Series quickly and easily scales to meet growing business requirements, as the modular design allows for additional controllers and modules to be effortlessly added as needed.

This scalability makes it ideal for business of all sizes, from two doors to 2,000+ doors.

The system also allows for extensive flexibility when undertaking an installation, as the readers can be installed up to 150m from the module, while controllers can be connected on either RS485 or TCP/IP for increased distance.

### A world of choice

The S-Series offers a variety of configuration options to meet every customer's needs. The units are available in plastic housing, or pre-wired within a secure metal enclosure for added security.

The controller has an optional LCD touchscreen with embedded software which is ideal for smaller businesses that require a stand-alone system, whilst the non-LCD version is suited to those with a computer or server infrastructure.

The system also offers the ability to remotely connect 24-hours a day through your smartphone, tablet or PC, ensuring you always have control, no matter where in the world you're situated.

### The system

The system hardware comprises of a cluster controller, S4 reader module, SIR reader and S-Card encrypted tags. The software is either embedded in the controller, or installed onto a PC/server depending on the installation size.

## WHO SHOULD USE THE SYSTEM?

All installations, big or small, looking for:

- Improved security
- Reduced costs
- Low-maintenance
- Controlled access
- Reliability and convenience

*S-Series adds up to a great deal*



**Just one controller and a module adds up to a solution that can control eight readers or four APB doors.**



**Impro Technologies**  
has over 30 years' experience  
in the access control industry

HQ tel: +27 (31) 717 0700  
Email: [info@impro.net](mailto:info@impro.net)  
Web: [www.impro.net](http://www.impro.net)



[www.xsbeyond.eu](http://www.xsbeyond.eu)