Symmetry™ SR Retrofit System

White Paper

Migrating to Symmetry™ SR Retrofit System from Legacy Casi-Rusco Access Control Sys

- Most Casi Rusco Picture Perfect Access Control Systems were installed in the 1990's and have reached legacy status, opening the door to potential security risks. AMAG Technology's Symmetry™ SR Retrofit Solution is recognized for its ease of use and comprehensive feature set.

- AMAG's Symmetry Solutions provide the retrofit backbone. The boards are modular in design and can be easily changed to accommodate different designs.

- This White Paper explains the approach behind AMAG's Symmetry SR retrofit solution and provides further information.

SYMMETRY SR RETROFIT SOLUTION

In 2014, AMAG was the first to market the Symmetry SR Solution which allows plug-and-play swap outs to Symmetry for users of Picture Perfect, Secure Perfect™ and Facility Commander Wnx (FCWnx). Some of the largest Picture Perfect users around the world have moved to Symmetry.

In 2011, the manufacturer of the access control/security management system platform, Picture Perfect announced that this product will no longer be supported after 2014. This announcement created evident, costly problems and left many customers concerned about the future of their Picture Perfect systems and Micro/5, M2000 and M3000 panels. Since then, the manufacturer has had to adapt based on customer reaction and has revised this planned phase-out several times with support that ended in 2020. Initial issues faced:

- Picture Perfect would need to be upgraded to Lenel OnGuard, with significant migration costs in training, software support and unknown downtime.

- Micro/5 and M3000 panels, which are the heart of the system would need to be upgraded at the customer's expense to the latest generation CPU.

- Downstream communications (chaining panels) would not be supported and would require network IP wiring, ports and IT support at all panel locations.

- Software integrations must be rewritten.

- The Micro/5 CPU may require multiple firmware upgrades during this migration process, which is costly because of the labor required to roll these firmware updates out.

In addition to discontinuing the Picture Perfect product, other challenges end users may be facing include:

- Expensive, risky and labor-intensive upgrade challenges.

- Constantly changing go-forward plans limit ability to confidently plan migration schedules.

- Inability to get replacement parts, or existing parts are expensive.

- Requirement to upgrade to RS485 wiring structure, which means installing all new card readers.

- The high failure rate and risk of pushing firmware upgrades.

- Trusting this won't happen again.

AMAG Technology's Symmetry SR family of controllers will allow a Picture Perfect (or FCWnx or Secure Perfect) customer to upgrade to a Symmetry Security Management System quickly, easily and affordably, while avoiding a lengthy, complicated and expensive upgrade process. The product is based on proven, existing technology that is available now and can be installed immediately.

The Symmetry SR Controller uses the existing Picture Perfect physical and wiring infrastructure, allowing users to reuse the same enclosures, backplane and wiring. Users are able to reuse readers, cards and maintain their existing badge population, saving substantial costs.

Symmetry SR supports F2F readers, which are used in Picture Perfect, Secure Perfect and Facility Commander Wnx systems. AMAG also offers its own F2F reader and Symmetry Blue F2F/Bluetooth readers for users who need to expand or upgrade.

Since 2014, the Symmetry SR Retrofit System has provided a stable, affordable upgrade path for many small and enterprise-size organizations. AMAG has provided customers with new features and a second-generation board to meet customer's growing needs.

BENEFITS OF THE SYMMETRY SOLUTION

Symmetry is a leading Access Control system which has been chosen by some of the world's largest Access Control users as their solution to move forward from their outdated system. Unlike legacy systems, Symmetry is flexible, easy to use and utilizes the latest software designs and architecture. Symmetry is a complete solution for access control, where the software and door controllers – the two key parts of an Access Control system – are designed as one unified solution by the same team. Many alternative systems use commodity door controllers and are dependent on the manufacturer of those controllers to deliver a viable solution that continues to be compatible over the long-term and through upgrades. The software and door controllers need to work "as one" for speed, reliability and security. These commodity door controllers claim to be open, but in reality, only allow other technologies to integrate when a premium is paid.

The Symmetry SR Retrofit is a simple circuit board replacement. The end user can reuse the existing enclosures, fitting the same wall space with no additional real estate needed and no new boxes. The legacy boards can be removed, and the retrofit boards installed in a matter of seconds. All wiring infrastructure remains intact, therefore eliminating the labor expense to remove it and install new wiring.

The SR system supports all existing communications topologies of Picture Perfect, including the downstream controllers where multiple access control panels communicate with the host software through one Ethernet port. This is supported through a plug-and-play procedure where no wiring changes are required, while dial-up communications are also supported.

WHY AMAG?

Open Product Development
AMAG controls product development and can make upgrades more quickly and easily than companies who OEM products and are at the mercy of third-party companies.

Backward Compatibility
Symmetry has a history of supporting older products long after they go out of production, and seamlessly integrating legacy hardware alongside the latest technology, thereby preserving your investment.

Scalability
Symmetry offers flexible, scalable solutions that can grow with an organization.

Ease of Use
Symmetry's flexible, powerful and intuitive software is the same for all products. Upgrading is easier because security staff are familiar with the product because it looks just like Microsoft Office.

Exceptional Customer Service
Our partnership approach puts our customers first, as we work to understand your business and security needs. AMAG prides itself on a true partnership style with our customers. Our goal is to become your long-term trusted advisor.

Proven Track Record
Case studies and references in your business sector are available.

Economical
Total Cost of Ownership can be significantly reduced by choosing the Symmetry solution.
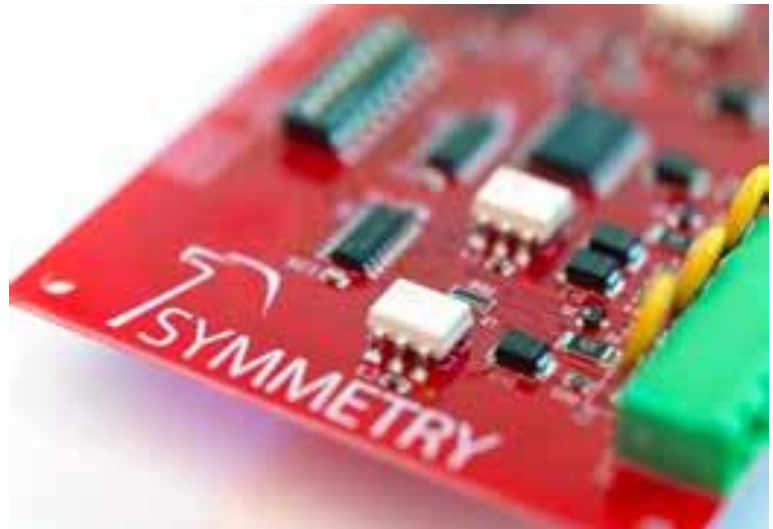
Unified Solution
AMAG offers a unified security platform that encompasses intrusion management, access control, video management, identity management, visitor management, incident and case management and command and control software.

The SR retrofit system supports legacy reader communication protocols, including the proprietary F/2F protocol (both supervised and unsupervised). By supporting legacy readers and wiring, the retrofit can leave existing readers in place, and therefore badges, greatly reducing the time, cost and disruption involved in an access control system replacement. However, for customers wishing to expand or upgrade, the Symmetry Blue F2F/Bluetooth reader provides a transition path. The reader also uses the existing wiring and badges, but a path to smartcard use or a mobile solution is in place which provides a future proof solution.

The retrofit system provides a low-risk solution that requires minimal system downtime and a very low labor component. It's easy to install and operate, as well as cost effective.

AMAG's Professional Services team is available to identify and plan the entire migration, minimizing downtime and duplication of effort. A database conversion plan is developed to ensure a successful transition. Additional information such as access rights and areas may be converted to Symmetry, greatly reducing the manual effort involved. ProServices can assist with discovery and planning, technical expertise on the migration strategy, third party integration development as needed and operational/emergency response needs.

Symmetry offers a deeply integrated, unified security management system, integrating physical and logical access control, video, intrusion detection, alarms, badging and visitor management. The cost-effective solution comes standard with these features built-in. In addition, the Symmetry solution includes identity management, incident and case management, command and control as well as audio.

For more information about Symmetry, the Symmetry SR family of controllers or the Pro-Watch Retrofit solution, please visit **www.amag.com**, contact AMAG Technology at (310) 518-2380 or +44(0) 1684 850977, or contact your Regional Sales Manager directly.