

CASE STUDY: ACCESS CONTROL

Enterprise Access Control Integration



Background

Delivering Secure Employee Credentials with the [SMART-81D](#)

As organizations adopt more advanced physical security technologies, access control integrators require credential issuance solutions that produce secure, durable ID cards while integrating seamlessly with existing security systems. High-quality credentials are essential for protecting facilities, managing employee access, and creating a professional first impression.



The Challenge

Providing a Complete Access Control Solution

A regional security systems integrator was deploying a new enterprise access control system for a multi-building corporate campus. The customer required secure employee credentials compatible with contactless smart card technology while maintaining a professional appearance across thousands of badges.

The integrator also needed a reliable printer that could easily integrate with the customer's credential management software, produce exceptional image quality, and minimize service calls after deployment.

The Solution

Premium Retransfer Printing for Enterprise Security

The integrator selected the **SMART-81D Dual-Sided Retransfer ID Card Printer** to complete the access control solution. The SMART-81D produced vibrant, true edge-to-edge employee badges with exceptional print quality on contactless smart cards. Automatic dual-sided printing allowed employee information, corporate branding, emergency procedures, and QR codes to be incorporated into a single credential, while optional smart card encoding integrated seamlessly with the customer's existing access control infrastructure. Because the printer was easy to install, configure, and operate, the integrator was able to deliver a complete credential issuance solution that met the customer's security requirements while simplifying long-term support.

The Results

- Standardized secure employee credential issuance
- Integrated seamlessly with enterprise access control
- Improved badge durability and print quality
- Reduced deployment and support time

The SMART-81D enabled the integrator to deliver a complete, enterprise-ready credential issuance solution that enhanced both security and operational efficiency.

The customer benefited from durable, professional employee credentials that worked seamlessly with its access control system, while the integrator reduced implementation time and ongoing support requirements. The successful deployment strengthened the partnership and created additional opportunities for future access control projects.