

RFID EAS

Securing Application Access

USE EMPLOYEE BADGES TO IMPROVE ACCESS



IT departments continue to implement access controls for enterprise applications to address ongoing security breaches, employee turnover and the increasing use of long-term contractors.

Application user authentication and validation continues to be a highly-ranked IT requirement, yet it is often not adopted due to the perceived complexity. Employee authentication, used to grant secure access, needs to be easy to execute and manage to ensure enterprise-wide adoption. While threats to enterprises continue to increase, IT managers and those responsible for securing logical access must choose among the ever-increasing spectrum of access control solutions. With hundreds of millions of proximity and contactless cards in use, badge readers are quickly becoming an easily implemented and adopted solution to improving access control.

Now organizations can speed up the log-on process by attaching badge readers to all computer equipment and letting employees tap their badges to gain access, often referred to as 'logical' access.

Employee Authentication:
Eliminate the need to remember and manually enter passwords multiple times a day.

It starts with the user logging into a computer. Employees simply tap their employee badge on a pcProx® Plus badge reader which sends the ID number from badge, or ID card, that is cross-referenced with a database of employees.

Enterprise IT departments are also investing in Single Sign-On (SSO) software to consistently authenticate users, authorize system access and authorize application access. According to a Centrify survey 29% of employees in the US say they enter 11 or more passwords a day, about 4,000 per year¹. With badge readers as part of the SSO solution, authentication and access becomes a single process – employees simply “badge in” to be authenticated, validated and gain access. Passwords become unnecessary. And, depending on the software application, employees can easily badge off their computer to secure their computer from passersby.

Follow Me Applications:
Resume activity on any computer with a badge tap

Some organizational roles, such as nurses in a hospital or a supervisor in a factory, move from one computer to the next using devices such as a Computer on Wheels. They need their application to open where they left off. With SSO and a “Follow Me” application feature, employees no longer need to type in cumbersome passwords plus as they move from one workstation to another they can quickly resume working on the same screen or application. Connecting a badge reader to the computer as part of the application allows the user to tap a badge and all relevant information appears, moving efficiently between equipment.

Data Collection:
Provide relevant credentials to enhance operations

Using an employee badge to access computer applications allows the enterprise to collect relevant information regarding a particular location, operation, application or the individual user. This type of data collection is especially important for compliance reporting, quality reporting, time tracking, privacy compliance and more. As an organization provides additional credentials it can result in added security and authorization, helping to reduce errors and enhance operations.

RF IDEas Readers

TAKE IDENTIFICATION AND AUTHORIZATION TO A WHOLE NEW LEVEL

Adding single sign-on to your operations can reduce errors, increase operational efficiencies and provide an extra layer of security. RF IDEas' complete line of pcProx® card readers are easy to integrate with your current IT systems and support virtually every proximity and contactless smart card on the market.

Flexible Configuration – Allow users to leverage their 125 kHz or 13.56 MHz employee ID badges for secure authentication and identification throughout the workplace.

Error Free Identification – Integrate readers with nearly all ID badges, operating systems, applications and embedded controllers for quick access and identification.

Streamline Operations – Increase efficiencies while providing employees an easy way to access computers while maintaining a high level of security for applications and systems.



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Resources
1 <https://www.centify.com/resources/5778-centify-password-survey-summary>
2 http://csrc.nist.gov/news_events/cif_2015/research/day2_research_430-530pt2.pdf

For more information on how RF IDEas can help you speed up access to your Single Sign-On Applications, saving time and money, visit

www.RFIDEas.com

PARTNERS

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