

## Streamline Authentication to Focus on Patient Care with WAVE ID® Reader Technologies

Healthcare leaders are searching for ways to streamline clinical workflows, ensure accurate compliance reports, and help healthcare workers maximize every minute of their day to allow as much time for patient care as possible.



### BENEFITS

- Rapid authorization for streamlined clinical workflow
- Secure patient data access
- Streamlined clinical workflow
- Increased security of multi-function printers and network access points
- Leverage current employee credential technologies
- Supports mobile and physical credentials as well as biometric data

### FEATURES

- Sign-in with a tap of a card, or mobile credential or fingerprint capture
- HIPAA and EPCS compliant
- Form factor options range from desktop to OEM to Nano
- Validated to support all e-Prescribe applications



Through the use of proximity, contactless, mobile or biometric credential readers from rf IDEAS® healthcare providers have the potential to improve operations and workflow, secure patient data access, reduce costs and help to ensure regulatory compliance. Solutions utilizing rf IDEAS readers allow users to leverage their existing employee access card or mobile credential, as well as any 125 kHz or 13.56 MHz tags/fobs, credentials or labels. These solutions are available through an unlimited number of partners or resellers for secure authentication and identification throughout the workplace.

As the requirement for secure access applications continues to grow, WAVE ID® Plus readers are built to support nearly every physical 125 kHz and 13.56 MHz credential, the ever-increasing mobile credentials, and now biometric data worldwide. The WAVE ID® Nano readers designed for laptops and tablets with USB or USB-C ports enable physicians and other healthcare staff to easily move between patient rooms and quickly gain access to patient records with a quick wave of their employee credential.

Trust begins here.™

The WAVE ID line of readers play an integral role within multiple solutions that currently enable healthcare providers to leverage the existing credentials that employees already use—both physical and mobile—to answer the many security, workflow, and compliance challenges facing the industry.

**The Challenge:****Reduce Multiple Workstation and Network Logins**

Healthcare professionals log into multiple secure workstations and related IT networks up to 70 times during every shift. The result is that these valuable caregivers spend at least 45 minutes on an administrative activity that is unrelated to patient care.

With a quick tap of an employee credential, healthcare organizations can save thousands of employee hours per year, improve workflow efficiency and enhance security and authentication. In addition, the same simple tap or swipe eliminates the need for tedious and unsecure passwords while facilitating directory checks and enabling remote logins, too. This leads to a more efficient workflow, with time previously devoted to logins now focused on better patient care.

**The Challenge:****Meet Increasing Regulatory Demands**

Complying with HIPAA and emerging regulatory demands such as EPCS creates a productivity drain on medical centers and healthcare facilities.

The ever-expanding IT security measures and processes which were enacted as the result of such acts as Gramm-Leach-Bliley and Sarbanes-Oxley in the U.S. and GDPR in Europe now mandate stronger authentication. Non-compliance can subject a healthcare organization to significant fines. rf IDEAS readers—in tandem with applications and technologies such as those available through our carefully vetted ENGAGE® Partner Program—meet the delicate balance of providing uncompromising security with easy access to shared workstations and patient records for those with proper authorization and certification.

Utilizing a USB port or other connection method, you can incorporate various WAVE ID and WAVE ID Plus reader models throughout your facility to provide more robust access-point security, better accounting for mandatory training sessions, and more accurate record keeping of secure print access. These readers provide the ideal starting point for a stronger approach to security across your organization.

**The Challenge:****Upgrade to Mobile Credential Readers**

A survey by Spyglass Consulting Group found that nine out of 10 healthcare systems plan to invest in mobile platforms—even providing smartphones to their workers. Fortunately, today's mobile devices provide multiple layers of built-in authentication capabilities that rf IDEAS' technologies leverage to significantly reduce security risks.

Hospitals can use secure mobile credentials for staff identification and access control for visitors and vendors, secure print management, and digital wallets, too. Basically, all the ways rf IDEAS authentication technologies help keep the healthcare industry secure can now integrate with workers' smartphones and other personal devices.

rf IDEAS has expanded its product line to include identification and access control readers that seamlessly provide mobile authentication through integrated **Bluetooth®** low-energy technology.

**COMMUNITY MEDICAL CENTERS MEETS HIPAA COMPLIANCE**

Community Medical Centers in California's San Joaquin Valley relies upon rf IDEAS readers to help comply with HIPAA. Used by all 6,500 employees in the hospital system, the readers capture data from ID cards and send it to a Single Sign-On (SSO) system, allowing the hospital to compile detailed logs on who accessed which patient file, when it was accessed, and for how long. "Just a wave of the credential on the WAVE ID card reader allows seamless access to multiple applications and removes the hassle of multiple passwords and usernames," Dr. Thomas Utecht, Senior Vice President and Chief Quality Officer, says. "The ease of use allows physicians, clinicians, and staff to dedicate more time to caring for patients."



**The Challenge:****Prevent Unauthorized Equipment Access**

Hospital employees leaving an unlocked or unsecured workstation, even for only a few moments, increase the potential for security risks, privacy concerns and unauthorized tampering.

A hospital setting is constantly in flux, with routine tasks one minute and an emergency the next. Workstations can be instantly abandoned to care for patients, potentially leaving private information visible. rf IDEAS works with software partners to protect unsecured workstations through physical credentials that each employee carries. A WAVE ID credential reader detects the employee's credential, reads the ID and unlocks the workstation only for the authorized user.

Our WAVE ID® Bio is an innovative reader that is capable of reading most proximity and contactless credentials, and even biometric data. The multifactor authentication data provided by the WAVE ID Bio comprises any two of the three tenets for security: what the practitioner knows (for example, a password), what the practitioner has (such as a smart card), and who the practitioner is (biometric data such as a fingerprint).

Because access points are less hackable by bad actors, this is a far more secure approach than using passwords which can be shared among employees or simply written on a sticky note, desktop or folder in plain view.

In addition, because rf IDEAS readers can be embedded in healthcare-specific peripherals and All-in-One PCs, hospital staff can prevent unauthorized access while minimizing the number of devices that consume valuable space and require ongoing sanitization. By making security more user-friendly, employee satisfaction increases. This, in turn, generates greater employee buy-in to maintaining a secure environment.

**The Challenge:****Verify Training Attendance**

From infection control and safety procedures to medical updates and regulatory compliance, training is essential to keep healthcare workers' knowledge current and to ensure they are authorized to perform certain procedures.

When arriving onsite for a training session, attendees tap their credential on the rf IDEAS reader as they enter the room. Connected to a laptop or mobile device, the reader captures the attendee's ID number and uploads it along with the

session information. After the session, staff can establish an Internet connection and upload that data to the attendance software simply by selecting a prompt. The software identifies which employees attended which session and forwards that data to the hospital's Learning Management software. The software can also track when each employee is due for specific training and issue alerts if an employee is required to attend a session to maintain their certification.

**The Challenge:****Increase Employee Satisfaction**

Healthcare professionals work in a stressful, busy environment. Making their day easier, even in small ways, goes a long way toward increasing overall job satisfaction

Today, rf IDEAS readers help to relieve stress on employees who no longer need to remember multiple passwords or go through the IT helpdesk when they need a password reset. The readers also help employees save valuable time in every shift since they don't need to manually enter passwords over and over again. And this is just the beginning.

### IMPRIVATA PARTNERS WITH RF IDEAS FOR SMARTER SECURITY

Imprivata is a leading digital identity company that rf IDEAS has closely partnered with for more than 20 years. Imprivata OneSign® platform incorporates rf IDEAS reader models to deliver an end-to-end authentication and access management solution that enables authentication, single sign-on and virtual desktop roaming. Healthcare organizations benefit from effective, efficient, secure and compliant access of the systems, applications and data that go into providing quality care every day. Utilizing rf IDEAS reader technology on the Imprivata platform saves healthcare professionals approximately 45 minutes per shift through simpler, more secure sign-on's.



rf IDEAS readers enable employees to use their credentials as virtual wallets to pay for cafeteria meals during breaks and lunchtime. Tap-and-go cashless payment systems are one of the fastest growing electronic payment segments. Point-of-sale systems featuring WAVE ID readers for identification and authentication are a quick and simple way to get employees through the cafeteria line as quickly as possible. Employees can have their purchases tied to their credit cards and, with a simple tap of their employee credentials, the transaction is completed. The solution is also PCI-compliant for the highest level of credit card security.

### The Challenge:

#### Ensure Confidentiality of Sensitive Documents

Multi-function printers (MFP) that allow employees to remotely fax, copy, scan and print can also create the possibility of confidentiality breaches. Sensitive information not immediately picked up from the printer can potentially be viewed by anyone.

The MFP with a WAVE ID reader allows employees to authorize secure printing through card or mobile credential identification only. Employees use their workstation or access point to send their documents to a specific MFP on the company, enabled via rf IDEAS readers in tandem with technologies delivered by a trusted partner from our ENGAGE® Partner Program.

Although the document is in queue, it will not print, scan, or fax until the employee reaches the MFP location. This not only improves security and confidentiality, it reduces cost from print jobs sent and forgotten, and reduces the number of printers required. For those facilities where it is impractical to add another network drop, the Ethernet 241™ allows a WAVE ID reader and an application device to communicate simultaneously via an Ethernet connection, using the single network drop and avoiding the installation and associated costs.

### SAINT FRANCIS MEDICAL CENTER SAVES TIME IN EMPLOYEE TRAINING

Saint Francis Medical Center in Cape Girardeau, Missouri, holds up to 1,200 training sessions annually for its 2,500 staff members. Using a manual sign-in sheet, it took each employee up to 15 seconds to write their ID numbers on the attendance sheet and up to 30 seconds per participant for office staff to input the data. With errors from incorrectly written IDs and illegible handwriting, the process was unreliable and subject to fines if the hospital could not validate that an employee had attended a training class. Switching to a web-based solution for attendance-tracking with rf IDEAS WAVE ID Plus mobile readers, errors have decreased, sign-on is now accomplished with a tap of the card, data input is unnecessary, errors are eliminated, and attendance validation is as easy as running a quick report. Now, Saint Francis saves approximately 40 employee hours per year.



## rf IDEAS Readers

TAKE IDENTIFICATION AND AUTHORIZATION  
TO A WHOLE NEW LEVEL

It begins with simplifying the log-in process that incorporates Single Sign-On software; progresses to enabling higher levels of security and accountability; and brings it all together by helping you link employee data across healthcare applications.

rf IDEAS readers are used in numerous healthcare applications and OEM solutions, helping professionals to achieve compliance, foster more time with patients, meet regulatory demands, manage training attendance, and secure confidential documents. All applications are supported by our extensive partner network.

PRODUCTS	
WAVE ID® Solo	Single frequency identification & enrollment reader for proximity or contactless smart cards
WAVE ID® Plus	Dual-frequency proximity & contactless card reader for identification and enrollment
WAVE ID® Nano	Ultra-compact, USB-format, single-frequency reader (now available with USB-C)
WAVE ID® Bio	Multifactor authentication reader that reads proximity and contactless credentials plus biometric data
WAVE ID® SP Plus	Ultra slim, dual-frequency reader for 125 kHz proximity and 13.56 MHz smart cards
WAVE ID® Mobile	Dual-frequency readers with Bluetooth low energy technology for reading both cards and mobile credentials
WAVE ID® Writer	Desktop device that writes to contactless cards for enabling various applications
WAVE ID® Playback	Interfaces contactless cards to existing applications by reading user data from smart card memory
WAVE ID® Sonar	Plug-and-play, hands-free presence detector
Universal SDK	Allows developers to provide a single application capable of working with nearly any proximity, contactless, or mag-stripe card

For more information on how rf IDEAS can help you keep costs down, productivity up and security strong, visit [www.rfIDEAS.com](http://www.rfIDEAS.com)

### PARTNERS

rf IDEAS products are an integral part of numerous industry-specific applications. Through our carefully vetted global network of rf IDEAS partners, we ensure that customers have convenient access to secure solutions of proven quality, performance and value. Our partners have the technologies, expertise and support they need to offer the industry's most advanced identification and authentication capabilities for practically any application.

To find a partner or to join the rf IDEAS ENGAGE® Partner Program and incorporate rf IDEAS technologies into your solutions, visit <https://www.rfIDEAS.com/partners>

