USE CASE: KSI-2400 HRB-24
for Manufacturing Environments

MANUFACTURING OPERATIONS are fast-paced and require strict control over system access. Shared workstations on the factory floor are often used by multiple operators across different shifts, making identity management and data security a constant challenge.

Challenges in Manufacturing IT Security

Shared Workstations – Operators frequently share terminals to log production data, access quality records, or view instructions. Passwords alone are inefficient and insecure in these environments.

Compliance Requirements – Manufacturing operations must meet stringent industry regulations (ISO, FDA, NIST, etc.) requiring traceable system access and user accountability.

Production Downtime Risks – Unattended logins can create vulnerabilities if unauthorized personnel access sensitive systems or disrupt operations.

Use Case Scenario: Factory Floor Workstation

Environment – A medium-sized manufacturing facility with 200 employees across three shifts. Operators rotate between multiple workstations to enter production metrics and verify quality control.
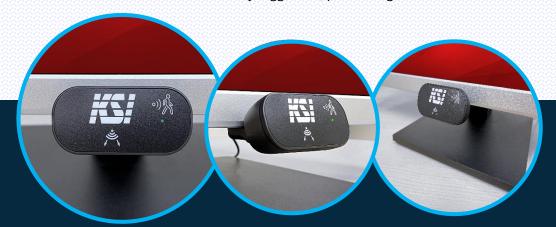
Current Problem – Employees often forget to log out when leaving a workstation. This creates risks of:

- incorrect data entry under the wrong employee ID
- potential tampering and unauthorized access to sensitive systems
- non-compliance with audit requirements

Password resets are frequent due to forgotten logins, slowing productivity and adding to costs.

The KSI-2400 HRB-24 Solution

The KSI-2400 HRB-24 monitor-mounted device provides a seamless, versatile solution by combining secure badge-based authentication with PresenceLock™ human presence detection auto logoff. Mounted directly to a workstation monitor, the KSI-2400 HRB-24 ensures that only authorized employees gain access to systems — and that sessions are automatically logged off, preventing insider threats at vacant workstations.

KEYS TO SECURITY
Putting the spotlight on today's most pressing cybersecurity challenges and innovations

Flexible Deployment Without Software – Easily attaches to the top or bottom of a monitor for convenient, ergonomic access on the factory floor. Configuration of timeouts and presence detection zones is simple. Auto logoff can be set for as little as five seconds, up to four minutes – you are in control.

Compact Standalone Device – Connects to PC via USB Type A cable.

Integrated rf IDEAS® WAVE ID® Plus Reader – Reads both 125 kHz and 13.56 MHz credentials, supporting HID®, iCLASS SEOS®, MIFARE®, and more. This high quality integration allows organizations to leverage legacy employee ID badges for authentication, eliminating the need for new credentials.

SSO Compatibility – Works with leading single sign-on platforms such as Imprivata®, AuthX, Ping Identity®, and HID®. Users authenticate once with their badge and gain secure seamless access to all authorized applications.

PresenceLock™ Human Presence Detection – Automatically senses when an operator leaves the workstation, triggering secure walkaway logoff. This process protects against unauthorized system use and ensures workstations are never left vulnerable.

Endpoint Protection –
- Each operator uses their employee badge for contactless authentication at the start of their shift
- PresenceLock™ continuously monitors the workstation, logging users off automatically when they step away
- A new operator taps their badge to log in, ensuring instant accountability and accuracy in production records
- The confirmation beep reassures employees their badge has been recognized and access is granted

Results –
- Reduced downtime from password resets and manual logins
- Improved compliance with regulatory standards
- Full circle security without disrupting workflow on the factory floor

Benefits

- **Operational Efficiency** – Faster logins with badge tap + auto logoffs save time and boost productivity
- **Stronger Compliance** – Meets security and audit requirements by ensuring user accountability
- **Lower IT Burden** – Reduces costly password reset requests and streamlines integration with IAM platforms
- **Enhanced Security** – Protects sensitive production and intellectual property data from unauthorized access
- **Future-Proof** – Compatibility with multiple platforms and badge types ensures adaptability across evolving manufacturing IT ecosystems

Conclusion

The KSI-2400 HRB-24 is purpose-built for the manufacturing floor, where efficiency, compliance, and security must coexist. By integrating presence detection, badge authentication, and SSO compatibility, the device ensures that every workstation session is secure and seamless — protecting critical data while keeping production lines moving. KSI-2400 HRB-24 empowers manufacturing organizations to secure their digital infrastructure with the same rigor applied to physical plant safety — closing a critical gap in modern industrial security.