

Control Access to **MAXIMIZE** PERFORMANCE & SECURITY

Manufacturers Find New Ways to Improve Productivity as Manufacturing Sector Recuperates

MANUFACTURING
JOBS INCREASE



SHIFT BACK TO U.S.
MANUFACTURING

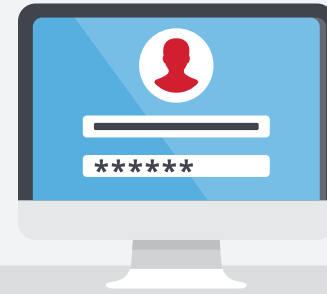


2010-2015
869,000 Off Shore
Job Lost¹ = Reshoring
Job gains

MANUFACTURING IS **12%** GDP²

Save Time by Streamlining Employee Log-on

OFFICE DESKTOP
PRODUCTION HMI
PURCHASING
MOBILE DEVICES



29.7 = average time to access
SECONDS a workplace computer⁴

1 HOUR lost per 60 employees per week⁴

Average facility saves
25 HOURS per week with
quick log-on access⁴



Manage Business Sensitive Processes with Simple to Use Employee Badge Access

MULTI-FUNCTION PRINTERS
MANUFACTURING LINES
INDUSTRIAL VENDING



HALF OF BUSINESSES
AT RISK

for data loss with unsecure printers⁵



REDUCE
PRINT COSTS
10-30%
with managed
print solutions⁶

INVENTORY
SPEND
REDUCED
20%-50%
with tool crib
management solution⁹

Leading paint manufacturer added badge
readers on their HMIs, allowing only
authorized employees to
operate the production line.



RESULTS:
Bad batches decreased
from 12 per week to less
than 1 per week;
\$2.5 million
annual savings

Badge-In Access to Monitor Activities, Track Compliance, Keep Employees Safe

TIME AND ATTENDANCE
EMERGENCY MUSTER
CONTROL ROBOTIC ACCESS
FORKLIFT ACCESS



5 INDUSTRIES

reported **478** evacuations including **103,530** persons¹⁰



55 MINUTES
to Evacuate **1,000**
workers from a
facility on average¹³



\$48,000
average cost
per work-related
disabling injury¹¹



2.3 MILLION
Industrial robots
in operation
by 2018¹²

RF IDEas Badge Reader Solutions Optimize Manufacturing Operations



- Automate secure identification and authentication
- Streamline log-on/log-off to HMIs, controllers and laptops/tablets
- Prevent unauthorized equipment access
- Validate employees complying with regulations

See all the ways RF IDEas' badge readers can improve
operational efficiency and add value to your organization
at www.rfideas.com

Sources

- 1 Manufacturers bringing the most jobs back to America <http://www.usatoday.com/story/money/business/2016/04/23/24-7-wall-st-economy-manufacturers-jobs-outsourcing/83406518/>
- 2 Trends in Manufacturing <http://esa.doc.gov/economic-briefings/recent-trends-manufacturing>
- 3 VDC Research: A Place for Mobility in the Connected Factory <http://www.vdcresearch.com/News-events/emob-blog/Place-for-Mobility-Connected-Factory.html>
- 4 Logon Durations <https://www.controlup.com/blog/logon-duration-million-logons/>
- 5 "Assessing and Benchmarking Document Costs," InfoTrends/ALL Associates www.printgreener.com
- 6 The Goldmine in the Hallway <http://www.lasercare.com/downloads/gartnergoldmine.pdf>
- 7 US Auto Recalls Set a Record <http://www.wsj.com/articles/u-s-auto-recalls-last-year-set-record-at-51-million-1453406237>
- 8 FSIS Summary of Recalls <http://www.fsis.usda.gov/wps/portal/fgis/topics/recalls-and-public-health-alerts/recall-summaries>
- 9 Tool Crib Solutions <http://www.autocrib.com/solutions>
- 10 Center for Disease Control & Prevention <https://www.cdc.gov/mmwr/preview/mmwrhtml/ss6402a7.htm>
- 11 National Safety Council <http://www.nsc.org/>
- 12 Robotic Industry Insights http://www.robotics.org/content-detail.cfm/Industrial-Robotics-Industry-Insights/The-Business-of-Automation-Betting-on-Robots/content_id/6076
- 13 Challenge of Emergency Evacuations http://www.disaster-resource.com/index.php?option=com_content&view=article&id=2321:the-challenge-of-emergency-evacuation-from-high-rise-buildings-and-even-ones-that-are-not-so-high



RF IDEAS

RF Ideas, Inc.
4020 Winnetka Avenue
Rolling Meadows, IL 60008

www.RFIDeas.com

® is a registered trademark of RF Ideas Inc. Trademarks not belonging to RF Ideas are property of their respective companies.
©2017 RF Ideas, Inc. All rights reserved. Products are subject to change without notice.

Toll Free: 866-439-4884
Voice: 847-870-1723
Fax: 847-483-1129