

# 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

2017-2018  
**491,000**  
new jobs<sup>2</sup>

Offshore Job Loss<sup>1</sup> = Reshoring Job gains

MANUFACTURING IS  
**11.4%** GDP<sup>3</sup>

## Save Time by Streamlining Employee Log-on

OFFICE DESKTOP  
PRODUCTION HMI  
PURCHASING  
MOBILE DEVICES



**29.7 SECONDS** = average time to access a workplace computer<sup>4</sup>

**1 HOUR** lost per 60 employees per week<sup>4</sup>

Average facility saves  
**25 HOURS** per week with quick log-on access<sup>4</sup>



## Manage Business-Sensitive Processes with Simple-to-Use Employee Card Access

MULTI-FUNCTION PRINTERS  
MANUFACTURING LINES  
INDUSTRIAL VENDING



**HALF OF BUSINESSES AT RISK** for data loss with unsecure printers<sup>5</sup>



**REDUCE PRINT COSTS 30%** with managed print services<sup>6</sup>



**INVENTORY SPEND REDUCED 20%-50%** with tool crib management solution<sup>7</sup>



Leading paint manufacturer added card 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

## ID Card 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** persons<sup>10</sup>



**55 MINUTES** to evacuate **1,000** workers from a facility on average<sup>13</sup>



**\$41,000** average cost per medically consulted work injury<sup>11</sup>



**3 MILLION+** Industrial robots in operation in 2020<sup>12</sup>



### rf IDEAS Card 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 card readers can improve operational efficiency and add value to your organization at [www.rfideas.com](http://www.rfideas.com)

<sup>1</sup> Manufacturers bringing the most jobs back to America <http://www.usatoday.com/story/money/business/2016/04/23/24-7-wallst-economy-manufacturers-jobs-outsourcing/83406518/>  
<sup>2</sup> 312,000 Jobs Added In December <https://www.forbes.com/sites/chuckdevore/2019/01/04/312000-jobs-added-in-december-manufacturing-growing-714-faster-under-trump-than-obama>  
<sup>3</sup> 2019 United States Manufacturing Facts <https://www.nam.org/state-manufacturing-data/2019-united-states-manufacturing-facts>  
<sup>4</sup> Logon Durations <https://www.controlup.com/blog/logon-duration-million-logons/>  
<sup>5</sup> "Assessing and Benchmarking Document Costs." InfoTrends/ALL Associates [www.printgreener.com](http://www.printgreener.com)  
<sup>6</sup> The Goldmine in the Hallway <http://www.lasercare.com/downloads/gartnergoldmine.pdf>  
<sup>7</sup> US Auto Recalls Set a Record <http://www.wsj.com/articles/u-s-auto-recalls-last-year-set-record-at-51-million-1453406237>  
<sup>8</sup> FSIS Summary of Recalls <http://www.fsis.usda.gov/wps/portal/FSIS/topics/recalls-and-public-health-alerts/recall-summaries>  
<sup>9</sup> 15 Ways Managed Print Services Can Cut Costs <https://imagineext.ingrammicro.com/document-imaging/15-ways-managed-print-services-can-cut-costs>  
<sup>10</sup> Center for Disease Control & Prevention <https://www.cdc.gov/mmwr/preview/mmwrhtml/ss6402a7.htm>  
<sup>11</sup> Injury Facts <https://injuryfacts.nsc.org/work/costs/work-injury-costs>  
<sup>12</sup> IFR forecast <https://ifr.org/news/ifr-forecast-1.7-million-new-robots-to-transform-the-worlds-factories-by-20>  
<sup>13</sup> 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](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)