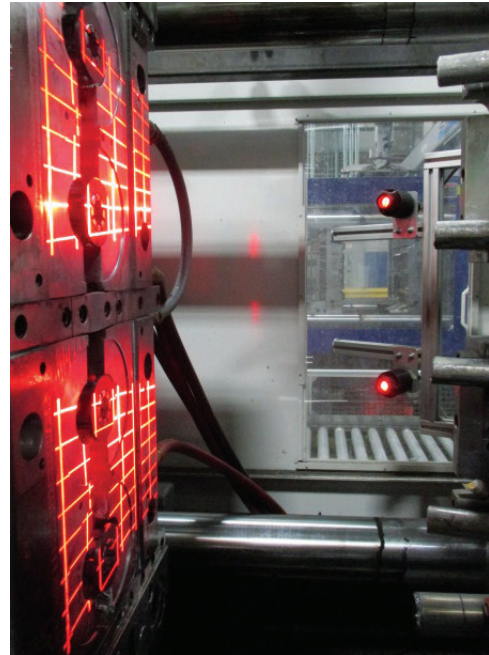
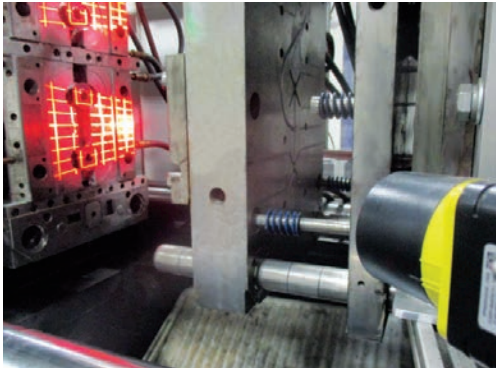


**COGNEX**

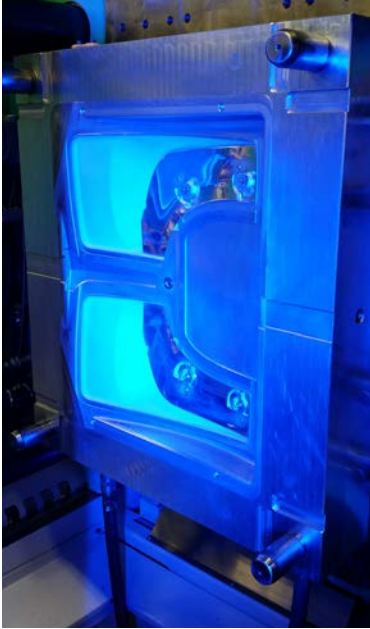
**CHICAGO** ELECTRIC

**MVP** Mold  
Vision  
Protection

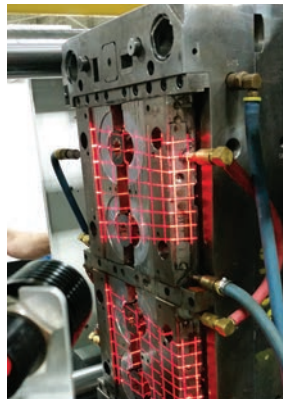


**Technology to Improve Productivity**

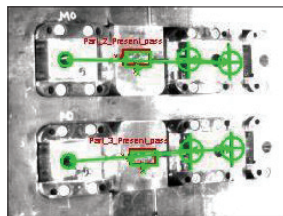
# Mold Vision Protection



Over-mold insert inspection  
with LED light grid



Verification of part eject and  
in-mold tooling position



Operator touch screen



Protect your mold investment with an MVP on your team

The Mold Vision Protection System verifies part condition with every cycle. MVP is a complete solution featuring Cognex machine vision technology and is optimized for injection molding applications.

- The MVP System utilizes Cognex Machine Vision technology to ensure parts are properly ejected from the mold at the completion of each cycle.
- The MVP System is also capable of inspecting over-molded parts to verify proper seating and alignment before the molding process begins.
- The MVP System easily integrates into injection molding machine control systems to eliminate crashes and reduce downtime.
- The MVP System is a comprehensive technology package including camera; controller; lens; lights; mounting brackets; cabling; operator touch screen; and machine control interface.

# Integrated Machine Vision Systems

Chicago Electric provides fully integrated, turnkey machine vision solutions to many industries. Specializing in Cognex vision, we offer leading technology including 3D vision, linescan, barcode reading, and more. Chicago Electric has capabilities in a broad range of automation technologies that when combined with Cognex products create exceptional integrated solutions.



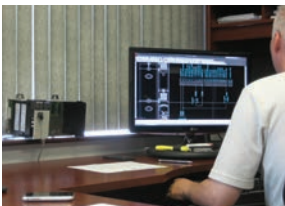
## Product partners

With an emphasis on Drives, PLCs, HMI, SCADA, Motion Control, Robotics and Vision, Chicago Electric is aligned with these global manufacturers of automation products.



## Comprehensive capability

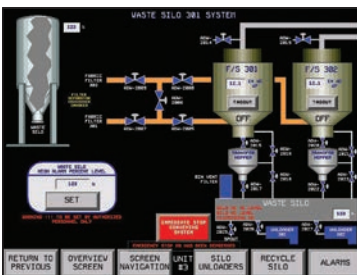
Chicago Electric offers products, systems and complete machine solutions for automation. Our scope of services includes: design, engineering, panel assembly, programming, testing, mechanical fabrication, installation, start-up and field service.



**Design — Engineering — Machining — Fabrication — Assembly — Programming — Installation — Start-up — Service**

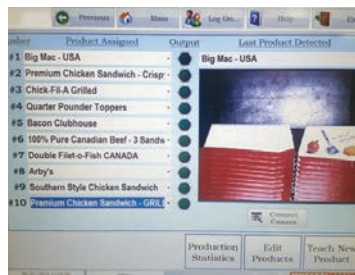
## Advanced technology

Chicago Electric integrates Cognex products with other advanced technology.



### SCADA

SCADA software creates graphical interfaces for vision systems that provide ease of use and extensive data management.



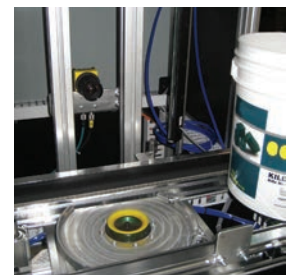
### PLC Integration

As a Rockwell Recognized System Integrator, we are experts in combining Cognex technology with Allen-Bradley PLC's.



### Robotics

As a Motoman Robotics Integrator, Cognex products are utilized for inspection and robotic positioning.



### Motion Control

Linear and rotary servo motion controls are used for precise line scan applications and sensor positioning.

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Innovation & Service since 1910

Chicago Electric is a world-class system integrator offering leading technology, comprehensive capability, and extensive experience. Founded in 1910, we are family owned and proud of our long heritage of quality workmanship and outstanding customer service.

We are in the business of making our customers' manufacturing...

***Better...Faster...Smarter!***

**ChicagoElectric.com**



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