

solutions provider for the...

## METALS INDUSTRY

Cost-effective control systems for metal manufacturing facilities

ECS Solutions specializes in the specification, design, configuration and installation of control systems in the metals industry. Our experienced, process engineers, project engineers and technicians understand your problems and know how to help you solve them.



We have helped other metal manufacturing plants solve control problems in these and other areas—

### Smelting

- VDC Pit Controls
- Scalpers
- Dross Coolers
- Degassing Unit (Inline & at Furnace)
- Chlorine Systems
- Metal Level Controls
- Shredders
- Crane Controls



### Roll Formers

- Reversing & Continuous Mills
- Slitters · Shears · Roll Grinding



### Furnace & Oven Controls

- Induction · Melting · Delag Kilns · Holding · Annealing · Preheats
- Finishing Systems · Embossers · Paint Lines
- Transducer Specification & Implementation
- Temperature Loop Tuning
- Recipe Definition & Control

### Data Acquisition

- Performance Monitoring
- Historical Trending · Log Generation · Alarms
- Real-Time Graphic Displays · Detailed Information Screens



### Water Treatment

- Pretreatment · Demineralizer

### Variable Speed Drives

- Engineering / Specification / Startup
- Mill Motor Drives

## Additional Services

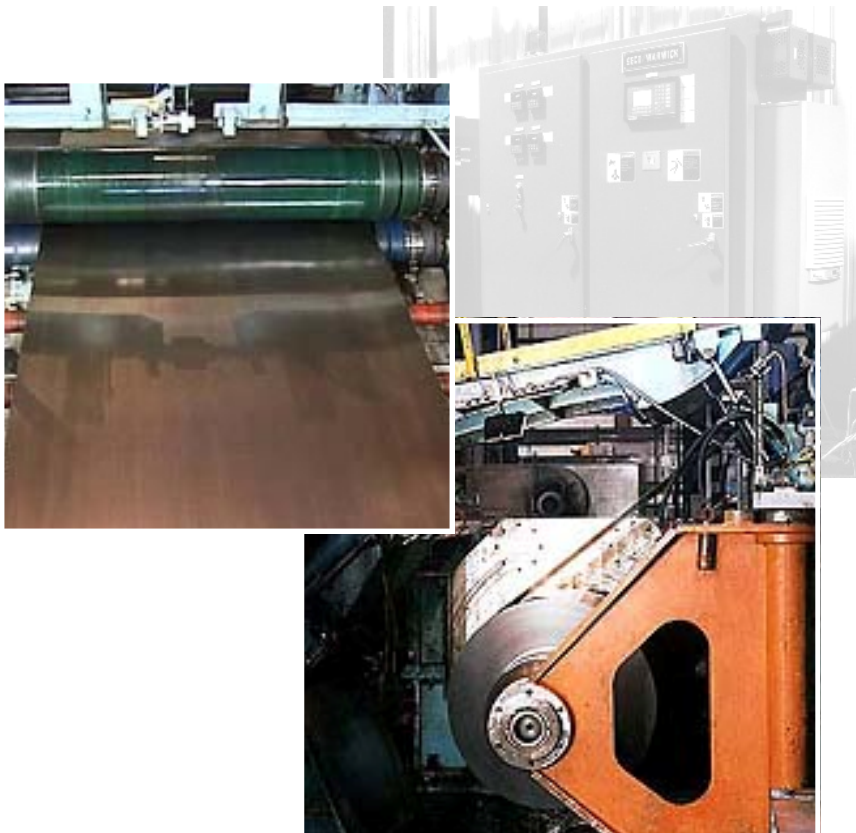
- Energy Management Surveys
- Information Systems and Networks
- Control System Functional Descriptions
- Complete Panel Fabrication Shop
- Startup and Commissioning Services
- Installation Services
- Graphics Development
- Training
- Outsourcing & Placement
- Emergency Field Service

ECS Solutions has the capabilities and resources to manage and install any controls application you may have. We develop and commission many projects in metals industry.

We have the resources to provide electrical installations involving panels, conduits, and power distribution.

Our panel shop technicians build panels ranging from small distribution panels to mid-range controls and drives panels to large e-houses.

Our knowledge of processes and technologies allows us to provide solid and viable systems solutions.



# EXCELLENCE

in every solution...

# COMMITMENT

to customers needs....

# SERVICE

you can depend on.

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VISIT US ON THE WEB AT:  
[WWW.ECSSOLUTIONS.COM](http://WWW.ECSSOLUTIONS.COM)

OR CALL TOLL FREE:  
(800)471-3273

## **ECS** SOLUTIONS

*We Help You Do More!*