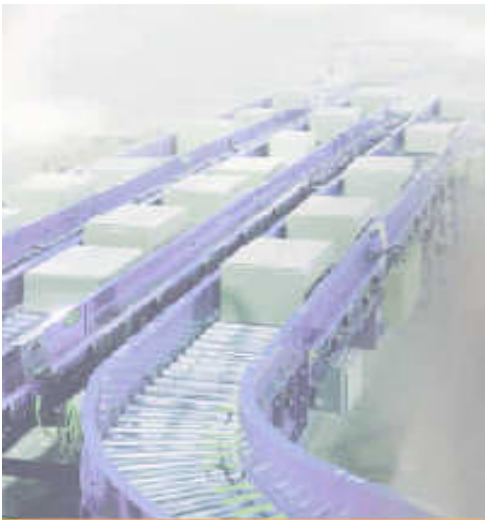


Advanced Automation & Controls

MATERIAL HANDLING CONTROL SYSTEMS



Automation Systems of ASAP



The market dictates the conditions - today, more than ever before:

- Short delivery times
- Flexible project sizes
- Competitive prices
- Guaranteed quality

And the answer is shorter throughput times, tooling up-times, cost reduction, innovative design and high productivity.

With automation technology "made by ASAP", even the most complex requirements can be implemented.

Full Service Controls

ASAP Controls offers the entire spectrum of services required for your controls projects.

Design

- Controls Project Management
- Controls System Designs
- Controls Drawings
- Control Panels

- Programming, Testing & Training
- Electrical Installation

Support

- Modifications/Updates
- Operational Consulting
- Support Contracts/Services
- Spare parts Specifications

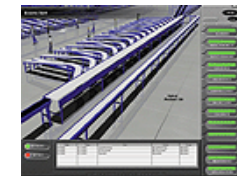
Robotic Technologies

ASAP Controls systems provide excellent integration of robotics in a variety of applications.

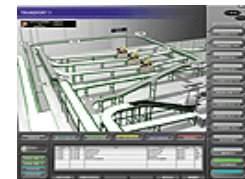


Human-Machine Interfaces

Provides the main interface between the operator and control system performance.



Graphical 3D views make fast identification and system diagnostics.



Transporter Systems & PC Based Rectifiers

Our electroplating transporter systems provide excellent performance and the HMI makes operations easy.



ASAP's PC based Constant Current Rectifier are widely used in all electroplating applications and controlled from a centrally located computer.

Complete Automation Control Experience from a Single Source

ASAP Controls has the experience necessary to bring together the entire system so that each separate piece works in harmony as a single machine.

Technology Experience:

- Conveying Systems
- Carousels (Horizontal & Vertical)
- Crane Automation system
- Weighing Systems
- Process Automation System
- Retrofitting the system
- Radio frequency system

Interface Experience

ASAP Controls interface between the floor equipment and the upper level information systems. We have proven experience interfacing to many different host systems utilizing a wide variety of protocols.

Interface Networks/Protocols:

- Profibus
- DeviceNet
- ControlNet
- Discrete I/O
- Ethernet
- TCP/IP
- Serial



Information/Control Systems:

- Programmable Logic Controllers (PLC)
- PC Based Controllers (VLC)

Your Success is Our Mission

ASAP has been providing advanced Control Systems solutions for our customers.

We are dedicated to helping customers compete in their markets by providing the best system solutions and technology.

ASAP Automation is a **systems integrator and software development company** dedicated to consulting, design, integration and implementation of world-class distribution centers / production plants around the world. We combine our **engineering experience** with **state-of-the-art industrial automation, controls and information systems** to provide cost effective solutions for our customers.

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