

# Logical Automation Solutions

- Automate
- Connect
- Retrofit



*with us get geared to higher productivity...*



## ● Automation and Control

- Control System Design and Integration
- Retrofit of CNC Controlled Machines
- Electrical CAD Services
- PLC, SCADA and HMI Programming
- Field Bus Network Design
- Commissioning and Start-Up Services
- Maintenance and Troubleshooting Services
- Parts Sale and Control Cabinets

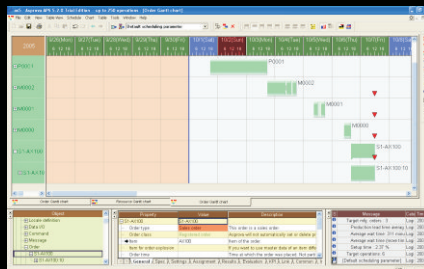
## ● Industrial Communication

- Expertise in Field Bus Design
- Consultancy & Strategy on Network Integration
- Supply of Software, Electronics and Media
- Multi-Vendor and Multi-Protocol expertise

## ● IT for Manufacturing

### - Advanced Planning and Scheduling

- Long-term scheduling for annual business plan - **LS, MRP, KPI**
- Mid-term scheduling for production preparation - **LS, MRP**
- Short-term scheduling for work instructions - **MS**
- Integrated mid/ short-term scheduling for order/ forecast co-ordination - **APS**
- Manufacturing BOM for production data standardization - **BOM, MRP**
- Network support for production data sharing - **NLS, DS**



**Logical Solutions** India operates in the USA as **Logical Automation Solutions, Inc.** Logical Solutions is an Authorised System Integrator of Siemens since 1993.

We provide high technology products and engineering services for machine manufacturers and end users. Automation & Retrofit of machines is our core competence.

### Corporate Affiliations

- Siemens Ltd. India
- Woodhead (Division of Molex Corporation USA)
- Asprova Corporation Japan
- Control Corporation USA

### Industries We Serve

- Automotive
- Food & Beverage
- Rubber & Tire
- Pharmaceuticals
- Power Generation
- Heavy Engineering
- Agriculture & Sugar
- Plastic and Polymer
- Optical Fiber
- Foundry and Forging

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