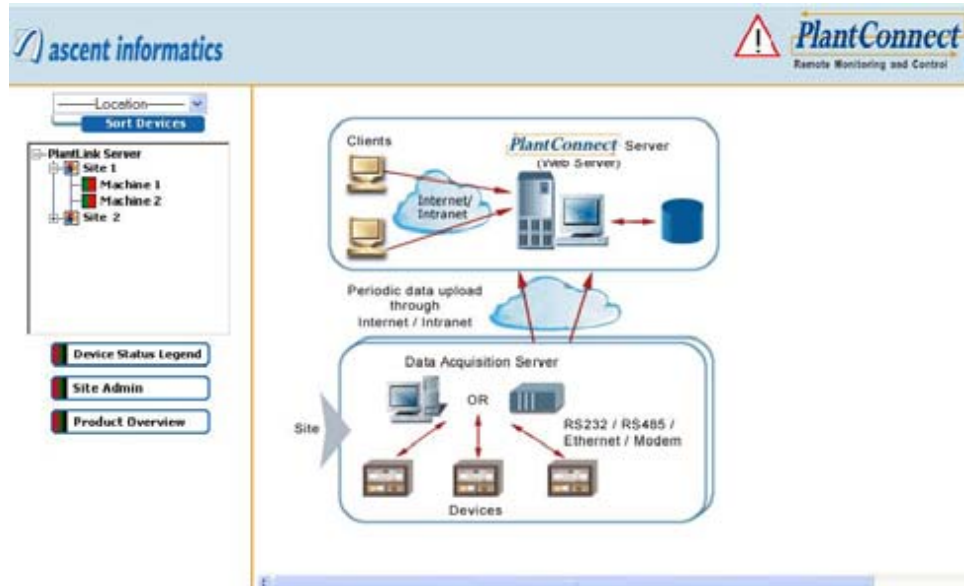


## What is PlantConnect™

- PlantConnect is a web based distributed solution for remote monitoring and control of factories, plants and equipments
- It is scalable, flexible and can be easily customized for different deployment scenarios
- Using PlantConnect, you can monitor
  - Same or different types of equipments
  - Located in a single or multiple plants
  - Anytime (24x7)
  - From anywhere
  - Continuous OR Need-based



## Which Equipments

Any equipment fitted with a **Controller / PLC / HMI** and which can communicate using a published protocol. This will include –

- **Plastic Injection Moulding / Blow Moulding Machines / Extruders**
- **Packaging Machines**
- **Other Special Purpose Machines**
- **Boilers / Chillers / Pumps**
- **Many more...**

## Features

- Connection to multiple devices using various protocols
- View online data of all devices - trends / values
- Alarm and event alerts
- Historical data and alarms view
- Mimic pages
- Custom reports and charts



Data Archive

Data Group - ProcessData

Injection Moulding M.C - ProcessData, From : 22-10-2009 17:30:25 To : 22-10-2009 17:48:00

Date Time	Recovery Time	Size Forward T1	Transfer Posits	Cushion Posits
22-10-2009 17:30:25	5.20	14.02	3.50	0.00
22-10-2009 17:30:31	5.20	14.02	3.50	0.00
22-10-2009 17:30:37	5.20	14.02	3.50	0.00
22-10-2009 17:30:43	5.20	14.02	3.50	0.00
22-10-2009 17:30:49	5.20	14.02	3.50	0.00
22-10-2009 17:30:55	5.20	14.02	3.50	0.00
22-10-2009 17:31:01	5.20	14.02	3.50	0.00
22-10-2009 17:31:07	5.20	14.02	3.50	0.00
22-10-2009 17:31:13	5.20	14.02	3.50	0.00
22-10-2009 17:31:19	5.20	14.02	3.50	0.00
22-10-2009 17:31:25	5.20	14.02	3.50	0.00
22-10-2009 17:31:31	5.20	14.02	3.50	0.00

- Mobile interface for online data and alarms
- User authentication and access control

## ***Where can I Use PlantConnect***

### **Remote Asset Monitoring System (RAMS)**

- Scenarios
  - Device manufacturer uses PlantConnect for support and maintenance of devices installed on customer sites
- Advantages
  - Remote troubleshooting
  - Maintenance alerts
  - Saving in support costs and time
  - Upload / download of programs

### **Central Machine Monitoring System (CMMS)**

- Scenarios
  - Monitor multiple devices centrally
  - Monitor multiple factories from head office
  - Ambient Air Quality Monitoring
- Advantages
  - Accurate and real time reporting
  - Data analysis
  - Push data into ERP
  - Just in time preventive maintenance
  - Avoidance of breakdowns

### **MIS Reporting**

- Scenario
  - PlantConnect is used for acquiring real time data from devices on one or more sites and generating MIS reports
- Advantages
  - Real time reporting
  - Multiple users can generate/view reports
  - Can schedule automatic report generation

- Report printing, saving, distribution by email

### **Ambient Air Quality Monitoring (AAQMS)**

A special version of PlantConnect is created for AAQMS vertical.

- 24x7 monitoring of polluting gases and weather parameters
- Used in power plants, chemical plants, city wide monitoring
- Mandatory reports and charts
- Automatic generation and upload of daily reports that can be published for public viewing
- Gas leakage alerts onsite and by SMS

***Please contact us for your requirements***

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