

At Xyntec, Inc., we have dedicated ourselves to providing preeminent **Professional Engineering Services** in the area of **system design & integration for industrial automation & plant wide information systems.**

Industries are finding it difficult to hold on to their profit margins, as their customers' specifications get tougher every day and their operating costs continue to increase. However, proper **automation** of their process and the development of user-friendly microprocessor based networked systems have provided them with the edge they need to compete in the national and international markets.

At Xyntec, our engineers have been able to assist corporations save tens of thousands of dollars per year by properly engineering turnkey solutions for their applications. We work closely with your personnel to ensure that our services meet your needs. The teamwork, combined with the highest degree of engineering practices, results in repeat business for Xyntec.

Our team of dedicated professional engineers can provide you with services in automatic control system design and implementation. No matter what your application is: pharmaceutical, chemical, plastics, petroleum, automotive, shipbuilding, or paper, we can increase your production and quality, and decrease the manpower needed to operate your facility without compromising plant safety.

Individually tailored on-line expert systems can be designed to give the plant enough intelligence to make decisions based on the latest information from the plant as well as learned experience. Once the combined knowledge about a process is developed and stored, operator instincts can give way to reasoning. Operators can make timely decisions, without having to think through complex process/quality relationships.

In the classical sense, the process is modeled using mathematical equations to perform control system theory analysis and run computer simulations. We can develop the scope of work, cost estimates, specifications, detailed engineering drawings, and finally build and install the system. All phases of start-up are managed until an optimally tuned control system is attained for your process.

On-site training can be provided for the operators and support staff. All engineering drawings will be generated using computer-aided design. Programmable logic

controller, distributed control systems, robotics, vision system, and expert system configurations and documentation will be provided in hardcopy and on diskette.

Xyntec has been structured to take part in any or all phases of the project and tailor the project per customer needs. Our contract will only be fulfilled once you are completely satisfied with all phases of the project and the operation of the system.

**HARDWARE / SOFTWARE / INDUSTRY  
EXPERIENCE**

**HARDWARE**

*Workstations:*

**IBM RISC, HP 9000, DEC**

*Robotics:*

**ABB, G.E. Fanuc, Puma, Sankyo**

*Vision Systems:*

**Xyntec, AB, Cognex, Omron**

*Programmable Logic Controllers:*

**AB, G.E. Fanuc, Siemens, Omron, Modicon, Square D, Automation Direct**

*Distributed Control Systems:*

**Honeywell, Siemens Moore, ABB, Emerson, Foxboro, Yokogawa**

*Single Loop Controllers:*

**Bailey, Moore, Foxboro**

**SOFTWARE**

*Operating Systems:*

**OS/2, Windows, Unix, VMS**

*Engineering Languages:*

**C, C++, FORTRAN, PASCAL**

*Networking:*

**MAP, MMS, TCP/IP**

*Databases:*

**Ingres, Oracle, Dbase, Sybase**

*Computer Aided Design:*

**AutoCAD**

*OIS:*

**RSView32, Wonderware, USData, ABB**

*PLC:*

**Ladder Logic, Grafset (SFC)**

*Plant-Wide Information Systems:*

**IBM DAE, ISI, PI**

**INDUSTRY**

**Power & Energy**

**Chemical**

**Pulp & Paper**

**Pharmaceutical**

**Packaging**

**Food Processing**

**Automotive**

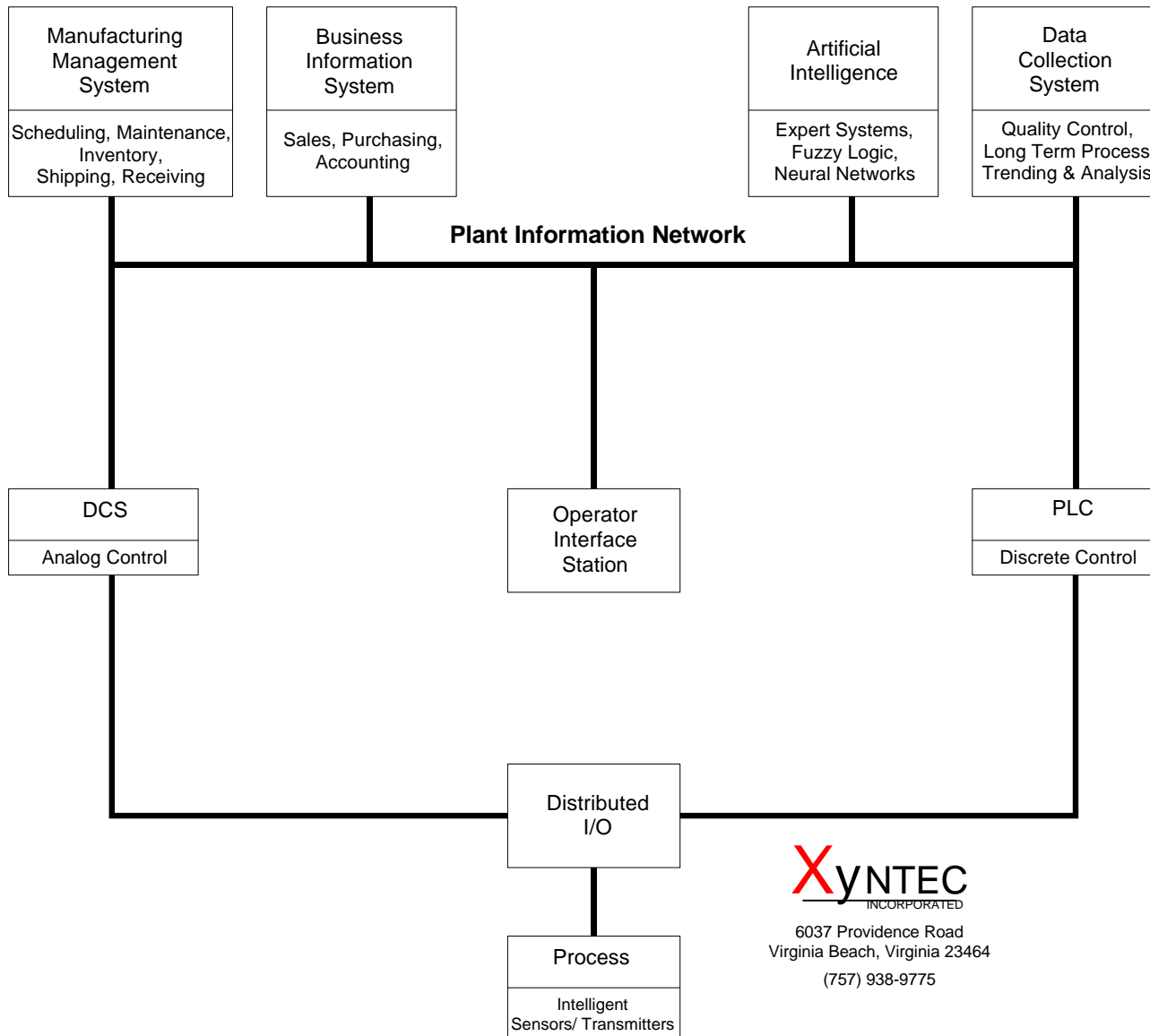
**Aerospace**

**Shipbuilding**

**XyNTEC**  
INCORPORATED

6037 Providence Road  
Virginia Beach, Virginia 23464

(757) 938-9775



**DESIGNS FOR TOMORROW'S  
A U T O M A T I O N**

- VISION SYSTEMS
- ROBOTICS
- EXPERT SYSTEMS
- DATA AQUISION SYSTEMS
- BUSINESS INFORMATION SYSTEMS
- NETWORKING
- COMPUTER MODELING
- CONTROL ENGINEERING
- POWER ENGINEERING
- PLC / DCS
- PACKAGING SYSTEMS
- BAR CODING
- FEASIBILITY STUDIES
- SYSTEM INSTALLATION
- SYSTEM TUNING
- OPERATOR TRAINING

**XyNTEC**  
INCORPORATED  
6037 Providence Road  
Virginia Beach, Virginia 23464  
(757) 938-9775