



GLORIOUS CONTROL

THE KEY TO SUCCESS IN MODERN INDUSTRIES

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CORPORATE PRESENTATION



WE WILL PROVIDE EASY AUTOMATION SOLUTIONS TO YOU

An organization having diverse experience and knowledge base in the field of Instrumentation, Process Control & Special purpose Machine Automation. GC established in the year 2024 is one of the leading organization as a one stop solution provider for Industrial Automation.



Customer
oriented

Client
Friendly

Innovative
Approach

MEET OUR TEAM



Kapil Kumar

14+ years of experience in Industries of process plants/Sugar/Boiler/Automobile/Solar/FMCG Industries etc.



Ankit Choudhary

Mechanical engineer with 14+ years of experience in fire fighting & services etc.

COMPANY VISION

To be the leading provider of innovative and cost-effective industrial automation solutions in North India, empowering industries with cutting-edge technology and exceptional service. We strive to be the preferred partner for businesses seeking to optimize operations, enhance productivity, and drive sustainable growth.

CORE VALUES

- **Innovation:** Continuously pushing the boundaries of automation technology to deliver groundbreaking solutions.
- **Customer Focus:** Prioritizing customer needs and exceeding expectations through personalized service and support.
- **Integrity:** Adhering to the highest ethical standards in all business practices.
- **Efficiency:** Streamlining processes to deliver timely and cost-effective solutions.
- **Reliability:** Providing 24/7 support and ensuring the reliability of our products and services.

STRATEGIC GOALS:

- **Market Dominance:** Establish a strong market presence in North India by 2029, capturing a significant market share.
- **Product Leadership:** Develop a comprehensive range of innovative automation solutions to cater to diverse industry needs.
- **Customer Satisfaction:** Achieve exceptional customer satisfaction through prompt service, technical expertise, and value-added solutions.
- **Operational Excellence:** Optimize internal processes to improve efficiency, reduce costs, and enhance overall performance.
- **Talent Development:** Foster a talented and motivated workforce through continuous learning and development opportunities.

OUR SERVICES

THE SERVICE YOU GET HERE

- **Hardware**

Instrumentation trading

Automation Spares (PLC/DCS/Switchgears etc.)

Electrical & Instrumentation panel Manufacturing

- **Software**

PLC/DCS Logic, SCADA & HMI software development as per approved engineering documents.

- **Services**

AMC services for PLC & DCS Systems (Rockwell, Siemens & Honeywell)

AMC services for Fire Fighting System

Designing & Engineering of System Architecture /

Selection of Field Instruments, Data Sheet, P&ID, Hookups,

Cable Schedule, Instrument List, Nest Loading,

Instruments Erection.

DCS/PLC Panels FAT, SAT.



OUR PRODUCTS

PANEL MANUFACTURING

PCC/LT/HT Panel

Lighting boards - indoor and outdoor

Field junction boxes - electrical

Field junction boxes - instrumentation

(Analog, Digital, RTD, THC)

Instrument field supports and brackets

Lighting supports and brackets

PLC / DCS Panels

Fire Fighting Panels



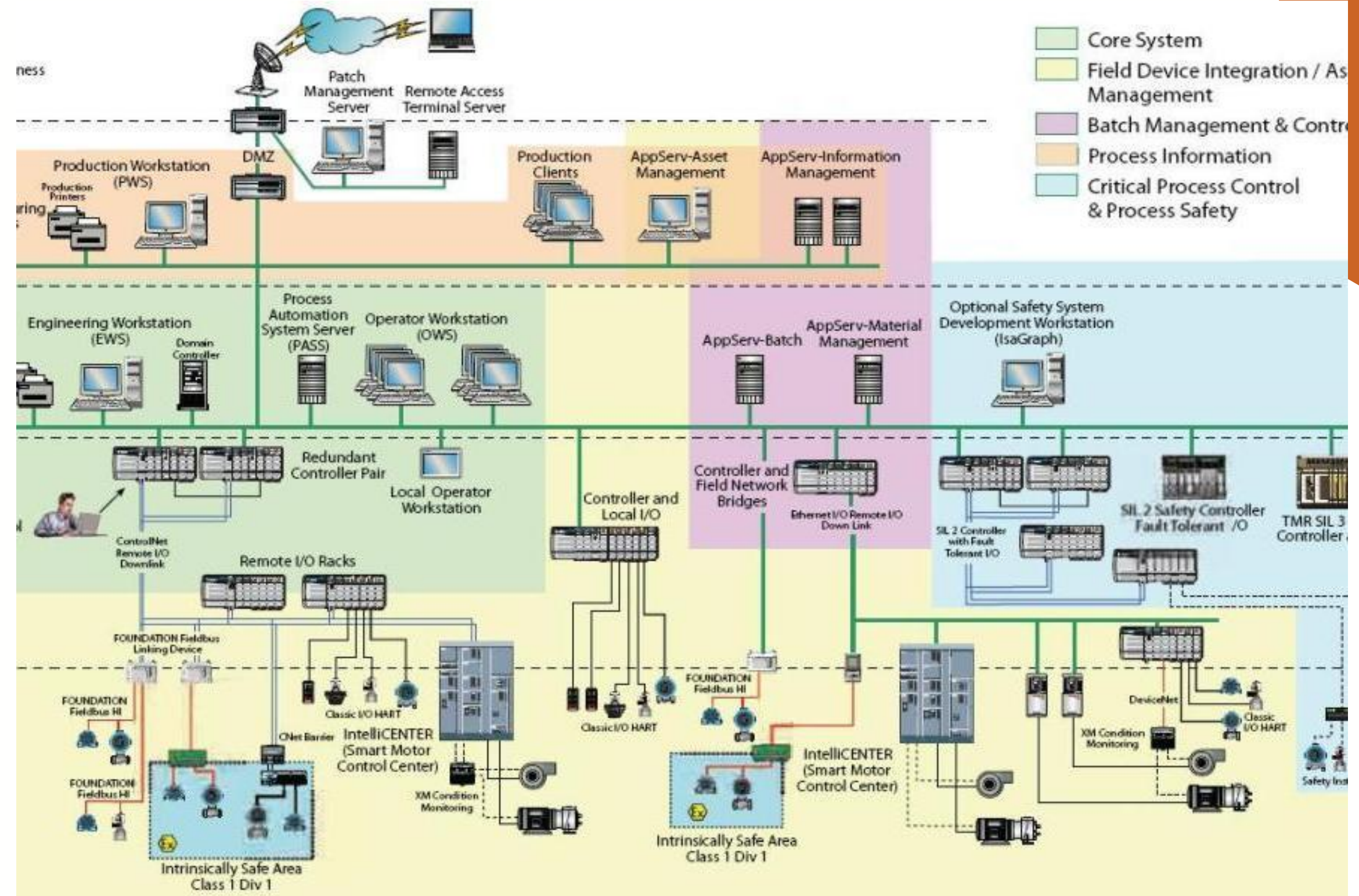
OUR AUTOMATION PRODUCTS

- Plant PAX DCS
- Control Logix
- Compact Logix
- Micrologix (1100,1200,1400,1500)
- FTView (SE & ME)
- RS View 32
- Siemens PCS 7
- Simatic Manager
- Simatic Step 7
- Simocode
- WinCC
- Schneider PLC/SCADA/HMI
- Honeywell Experion @PKS
- Honeywell PlantCruise
- Honeywell ML 50/200 PLC
- SCADA Based Control System
- Daily based generation reporting (Batch & Sift wise)
- Modbus Communication (RS232, RS485, TCP IP etc.)
- Industrial Networking Solutions

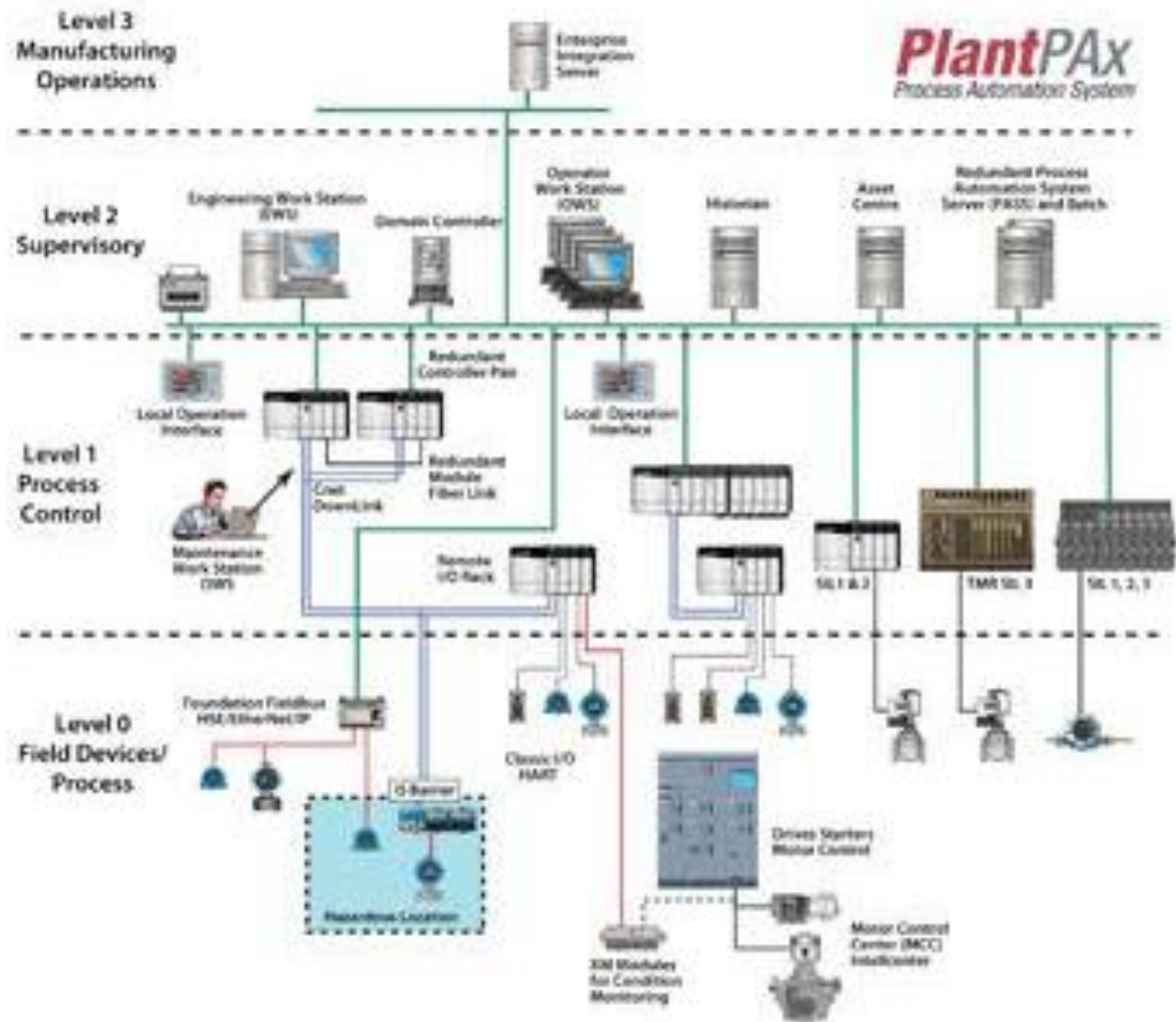
ADVANCED AUTOMATION PRODUCTS

PLANT PAX - ADVANCED LEVEL DCS

Plant-PAX system uses a common automation platform for seamless integration between critical areas of your plant. This modern DCS connects process, discrete, power, information, and safety control into one plant-wide infrastructure



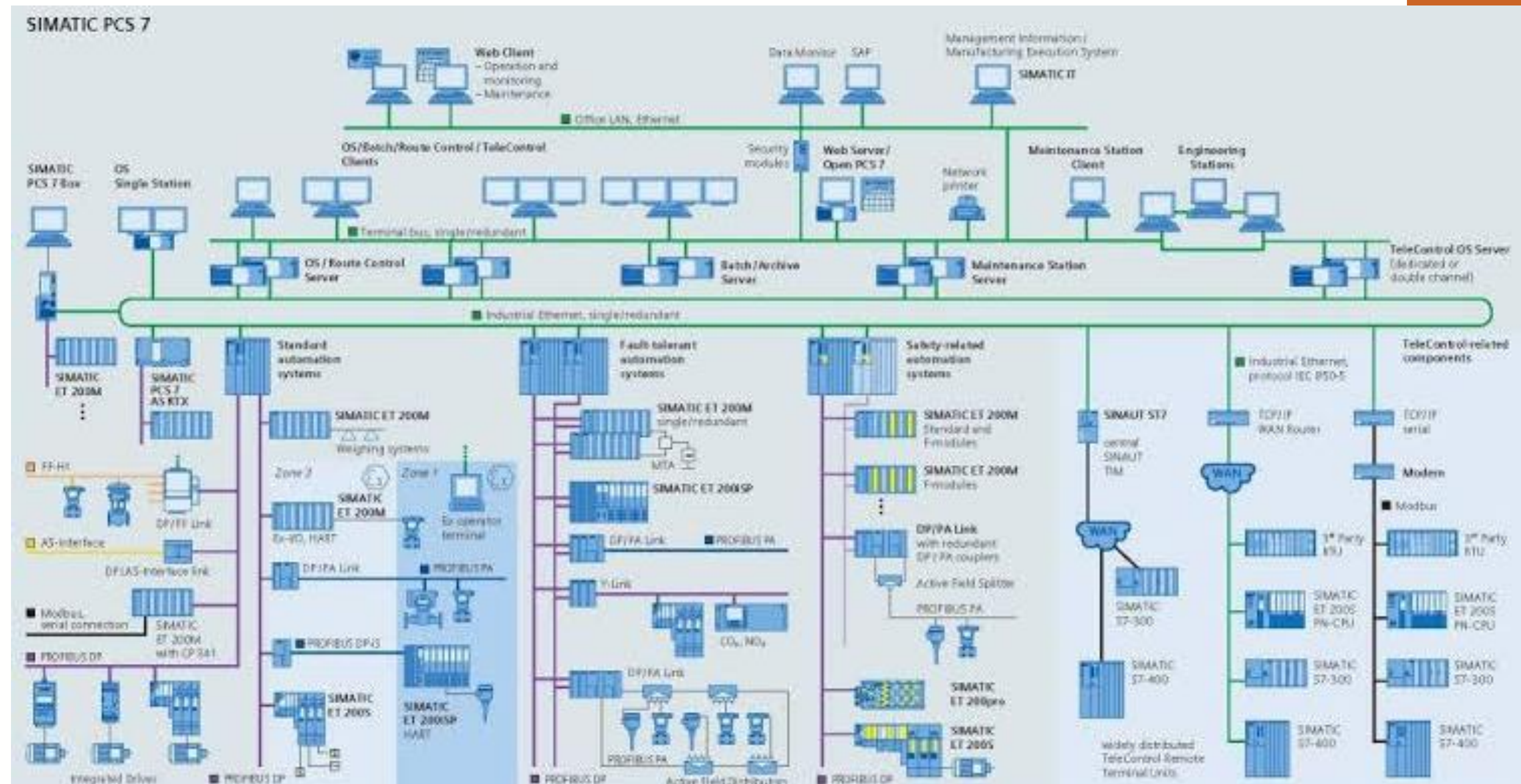
PLANT PAX ADVANCED LEVEL DCS



ADVANCED AUTOMATION PRODUCTS

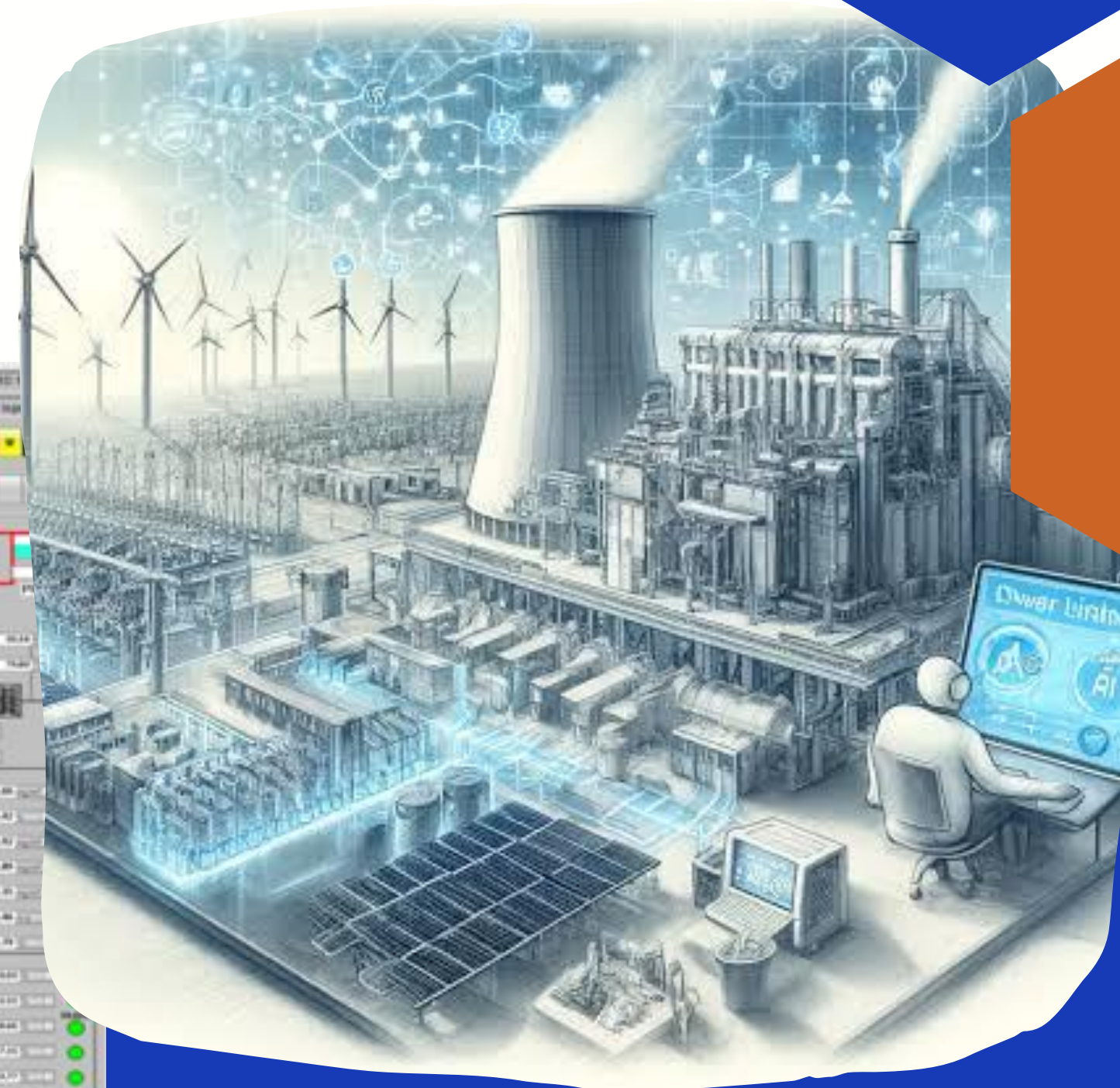
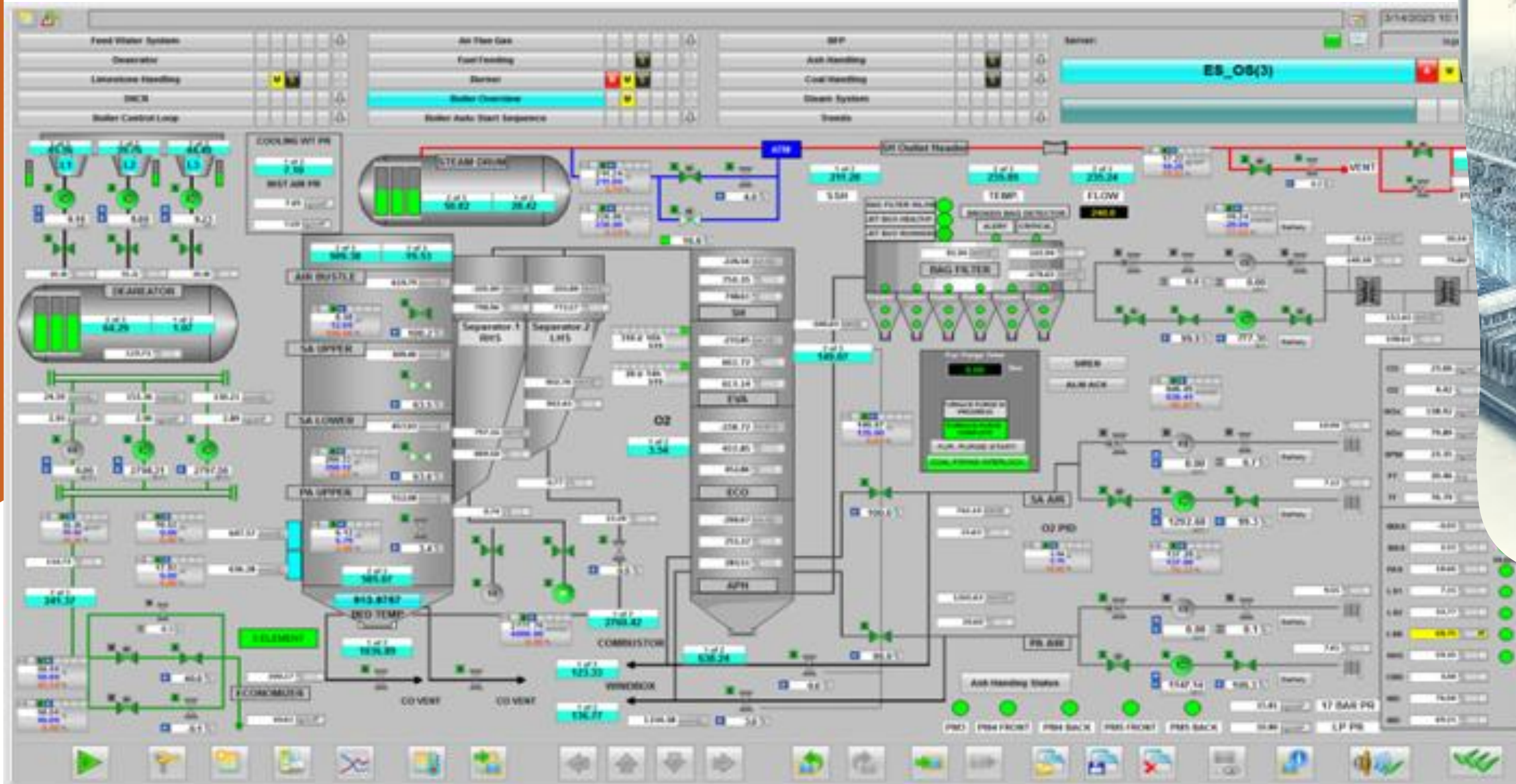
SIEMENS SIMATIC PCS 7

Siemens SIMATIC PCS 7 is a process control system that combines the functionality of a Distributed Control System (DCS) and a Programmable Logic Controller (PLC). It is designed for process control applications in industries such as chemical, energy, utilities, food and beverage, and pharmaceutical



FEATURED PROJECTS

BOILER AUTOMATION



FEATURED PROJECTS

SOLAR AUTOMATION

INVERTER	DC POWER (KW)	AC POWER (KW)	DAY (KWH)	CUMULATIVE (KWH)	INV TEMP (°C)	FAULT
INVERTER-1	171.40	164.00	2765	919273	46.10	●
INVERTER-2	170.80	166.10	2836	-2019033	46.40	●
INVERTER-3	177.90	169.20	2805	-1708589	46.20	●
INVERTER-4	174.40	167.80	2795	-1225719	47.10	●

mer 1 0.218 MW
 mer 2 0.226 MW
 mer 3 0.226 MW
 mer 4 0.224 MW

PYRO-1 396 WM2 PYRO-2 381 WM2

0.892 MW

PYRO TREND

KW TREND

WEATHER TREND

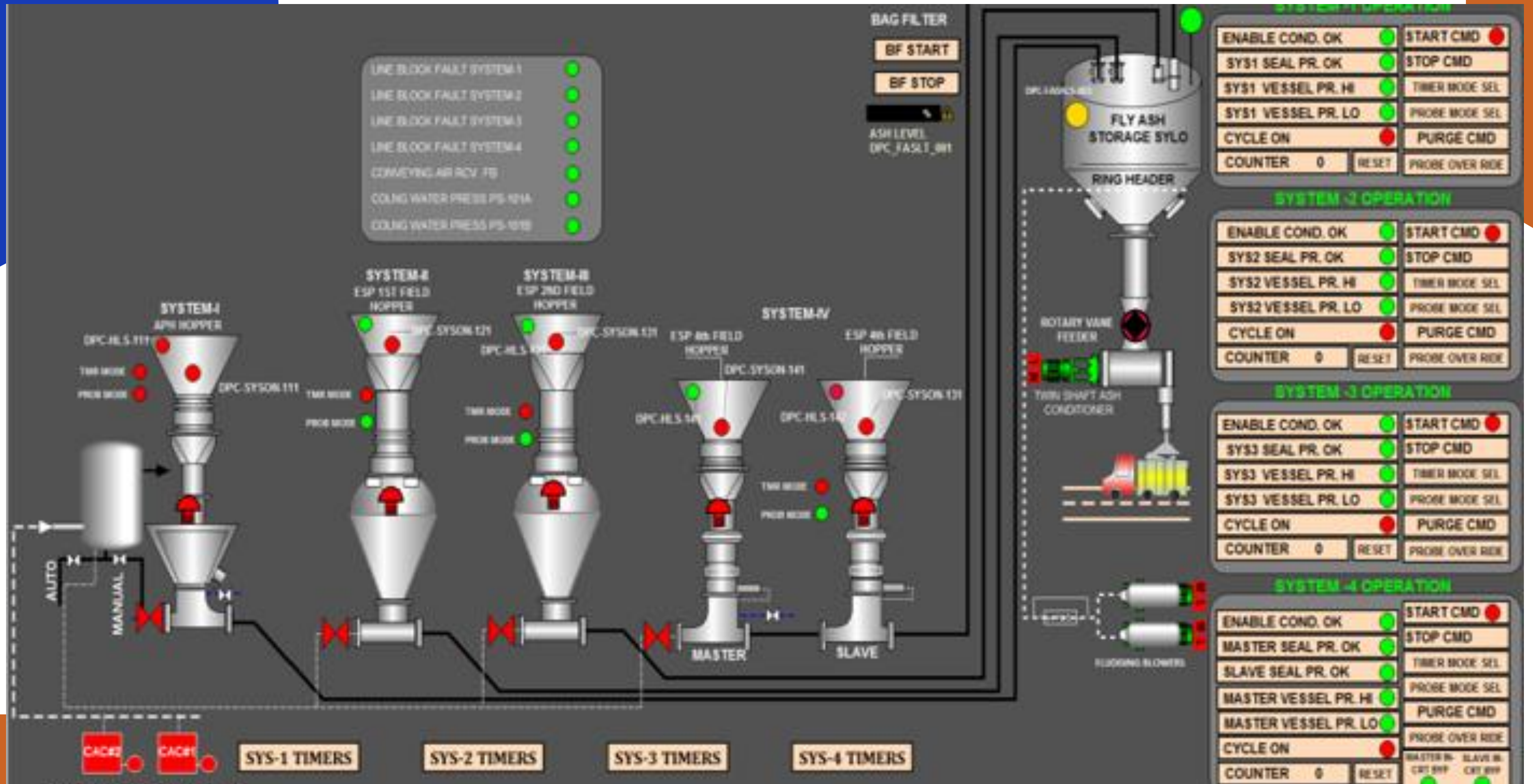
INVERTER	DC POWER (KW)	AC POWER (KW)	DAY (KWH)	CUMULATIVE (KWH)	INV TEMP (°C)	FAULT
INVERTER-5	180.80	172.60	2819	-436076	46.20	●
INVERTER-6	179.30	167.00	2754	-1512505	50.60	●
INVERTER-7	174.50	166.30	2733	-1534459	48.60	●
INVERTER-8	185.80	178.80	2827	-166395	47.30	●



FUEL HANDLING AUTOMATION



ASH HANDLING AUTOMATION



FIRE FIGHTING SYSTEM

A fire fighting system is a combination of equipment, detection, and response measures that work together to prevent and extinguish fires, and protect people and property:

Detection: Fire detectors can detect smoke, heat, or flames.

Alarm: The detection system activates an alarm to get people's attention.

Suppression: Fire fighting systems use a variety of methods to suppress fires, including water, foam, or chemical agents.

Response: Fire fighting systems include emergency lighting, exit signs, fire doors, and fire-rated partitions.

Maintenance: Regular maintenance and training can help ensure the system works properly.



Fire Bucket Stand



Foam Mixing Branch



Mobile Foam Unit



Fire Man Axe



Fire Blanket



MCP Break Glass



Automatic Sprinkler



Smoke Detector



MS Hooter



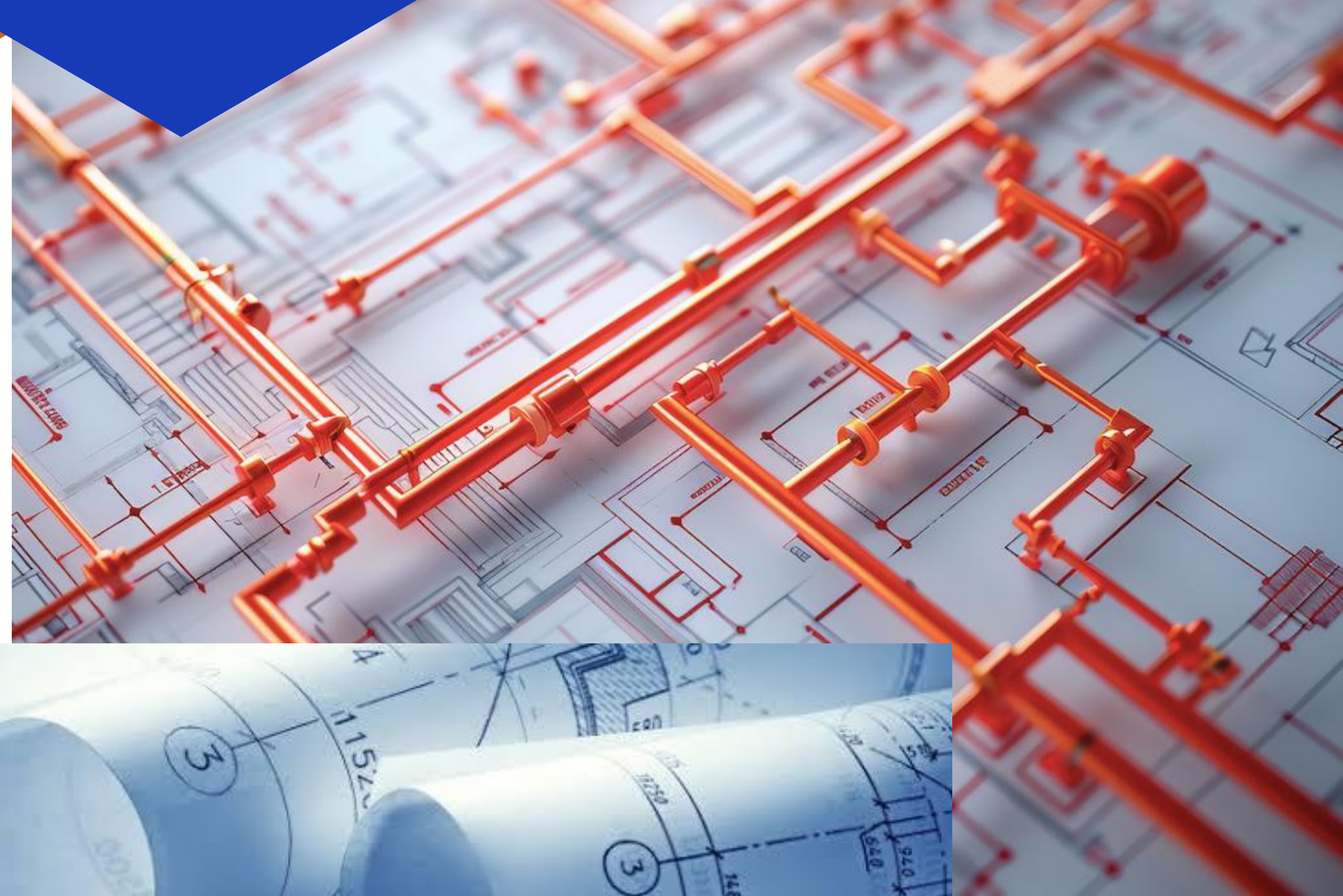
Fire Alarm Panel



ENGINEERING SUPPORT

We provide Engineering support for Automation & Fire Fighting related Systems like.

- P&ID
- PFD
- Hookup
- Data Sheet
- Layout
- Project report
- IO List
- Instrument List
- Nest Loading
- Panels GA & Power Wiring diagram



SMART INSTRUMENTS

- Pressure and differential pressure transmitters.
- pH & Conductivity transmitters.
- Control Valves.
- Process Indicators.
- Level Transmitters.
- Valves Positioners.
- Temperature Elements and Transmitters (RTD & Thermocouple).
- Flow Measurement & Control (Magnetic, Mass, Ultrasonic).
- AFR (Air Filters Regulators).
- I/P Converters.
- Signal & Power Cables.
- Junction Boxes (Analog, Digital, RTD, THC, Power JB etc.).
- Isolators & Converters.
- UPS.
- All Types of field Gauges (Pressure, Temperature, Level etc.).
- VFD (AC & DC)



GENERAL ELECTRICAL ITEMS UP TO MCC & PCC PANEL

We are the service provide for all electrical related goods & Manufacturer up to LT/HT/PCC/DCS/PLC Level & its related accessories.



SERVICES & SOLUTIONS

Project activity

Project Engineering

- Designing of System Architecture / Selection of Field Instruments.
- Panel Engineering / Loop Diagram
- DCS/PLC System migration and upgradation

Installation & commissioning

- Installations of Control Instruments / Components / Loop Checking (Cold & Hot)
- Commissioning of the Systems & Instruments at Project site
- System related training to Client/End user

Documentation

- Intermediate Analysis Reports
- Operation & Maintenance (O&M) Manuals
- Project completion Reports
- FAT Report
- SAT Report

Maintenance activity

Annual maintenance contract (AMC)

- To do day by day activities.
- Modifications as per new requirements.
- Complete system health Chekup.
- Instrumentation Calibration & health Checkup.
- Emergency site visit as per requirements.

CONTACT

GET IN TOUCH

we aim to revolutionize the industrial automation landscape in North India and become a trusted partner for businesses of all sizes.

Simplify Your Life With Our Automation Solutions



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