

# House Keeping

## Welcome

Restrooms

Coffee and Drinks

Chairs

Cell phone

Parking

Computer Equipment

Fire Drill

Web Site

Evaluations

Certificates

Introductions

Agenda

## Introductions

**Charlie Black**  
**(760) 484-0369**

**[cblack@rkcontrols.com](mailto:cblack@rkcontrols.com)**

**Over 25 years of experience of creating innovative solutions for small and Fortune 500 companies in the broad spectrum of industrial automation industry that take advantage of Automation Technology, Operator Controls and Monitoring Systems along with Industrial Communications.**



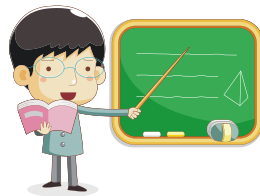
## Introductions

- ❖ Your name
  - ❖ Your company
  - ❖ Your experience
  - ❖ Your job reasonability
- 

## About RK Controls

RK Controls is a value-added distributor of automation and drives technologies hardware and software for industrial industry. Our marketplace consists of End Users, OEM's, and Systems Integrators from small to large. Products and application support are provided in our Commerce facility in Southern California.

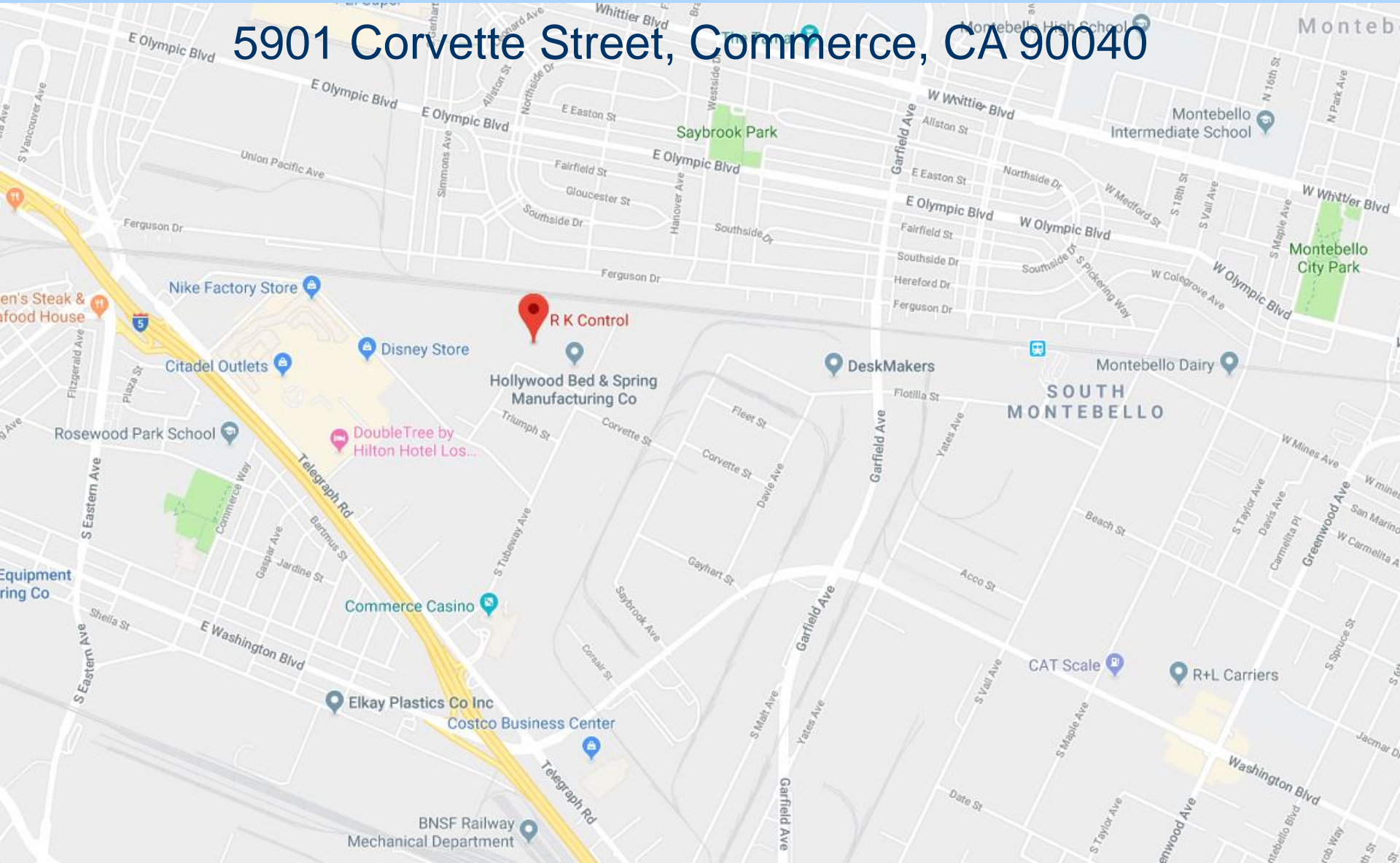
We're a company that takes pride in what we do along with supporting our customers to ensure that they are successful.



# Let us help put a solution together!

# Location

5901 Corvette Street, Commerce, CA 90040



## Workshops

**Training Facility Custom Designed to Answer Our Client's Specific Requirements**

RK Controls believes that a key factor in implementing a successful project is the subsequent delivery of quality training to the relevant personnel. We offer personalized, tailored training on Siemens Automation and Drives equipment with courses designed to meet our clients' specific requirements and delivered to attendees with no, little, or an advanced level of prior

**Knowledge  
is Power**



Looking forward to have you attend our hands-on  
Lunch & Learns - Seminars - Workshops



## Contract Manufacturing

From simple to sophisticated, low or large volume, your documentation or ours, turnkey solutions or labor only, we are your one stop source. We have provided services for small to billion dollar a year companies showing our flexibility to do any size job required.





## A Value-Added Distributor

RK Controls is a value-added distributor of industrial automation, controls, motion, and drives products and solutions. Our marketplace consists of OEM's, End Users, and Systems Integrator companies in Southern California. Product areas supplied and supported by RK Controls include those listed below. Please contact us to discuss your application. Our engineers would be happy to help you to consider the pros and cons of various automation solutions.

Our engineers and sales staff will then help to ensure that the parts ordered are compatible and complete and thus address all your requirements for a functional system.

Solution  
Partner  
Automation  
Drives

 **SIEMENS**

## Worldwide Presence



For more than 165 years,

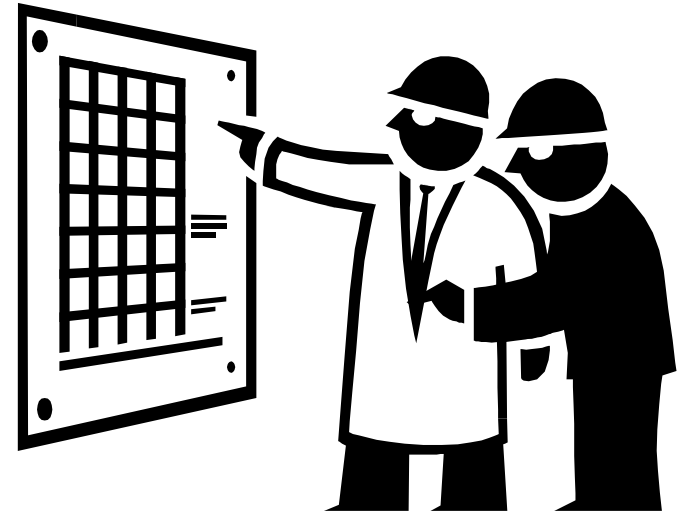
The name Siemens has been synonymous with internationality and worldwide presence.

## Global Powerhouse

◆ **Siemens is a global powerhouse in electrical engineering and electronics.**

◆ **Segments**

- **Energy Sector**
- **Healthcare Sector**
- **Industry Sector**
- **Infrastructure and Cities Sector**



**SIEMENS IS AN ENGINEERING FIRM**



## Financially Stable

**Siemens AG net worth as of November 26, 2021 is \$139.55B.**

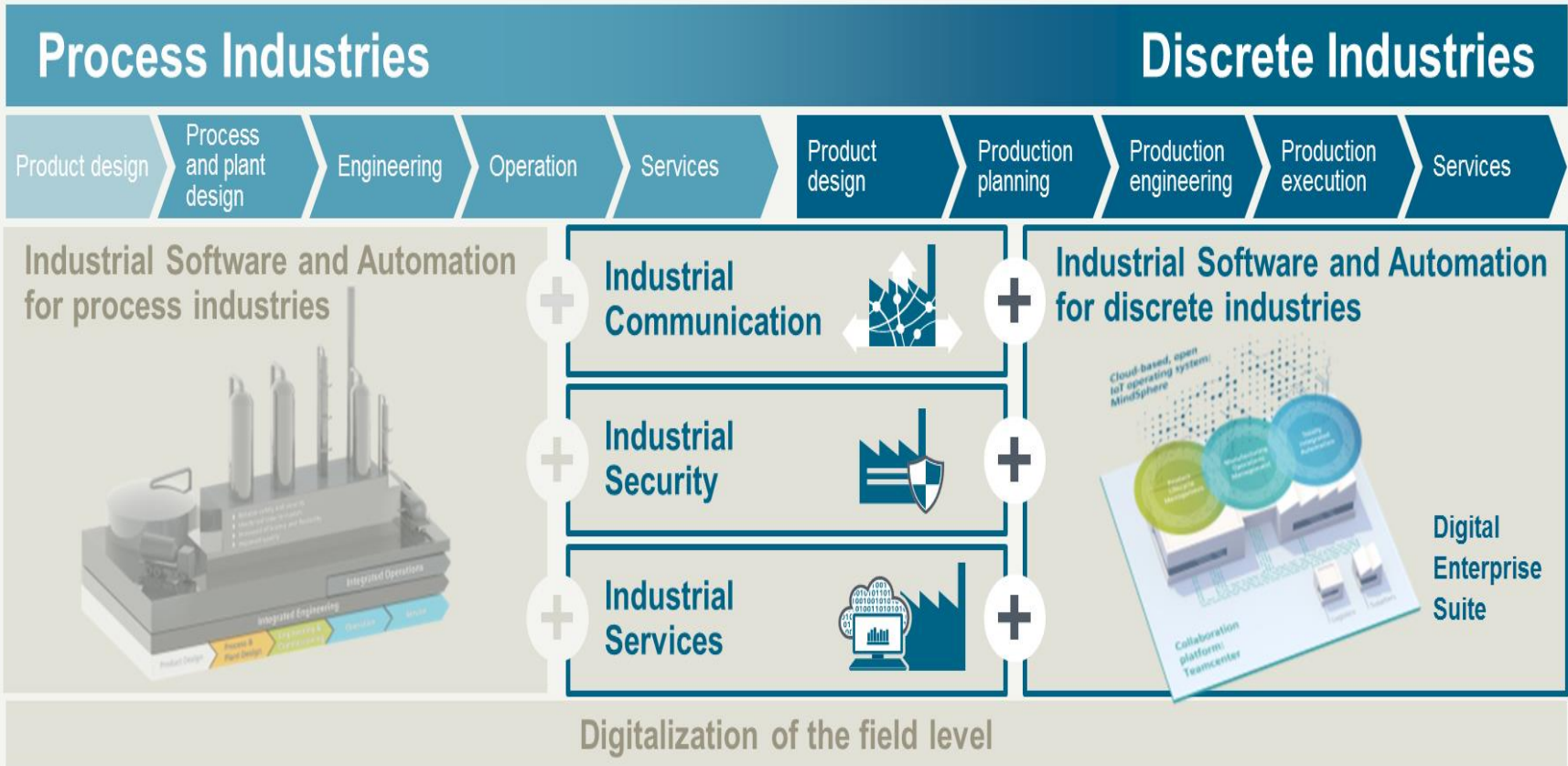
**In just the past 15 years, Siemens has invested approximately \$40 billion in the United States.**

**SIEMENS AG-ADR is the world's largest supplier of products, systems, solutions and services for industrial automation and building technology**

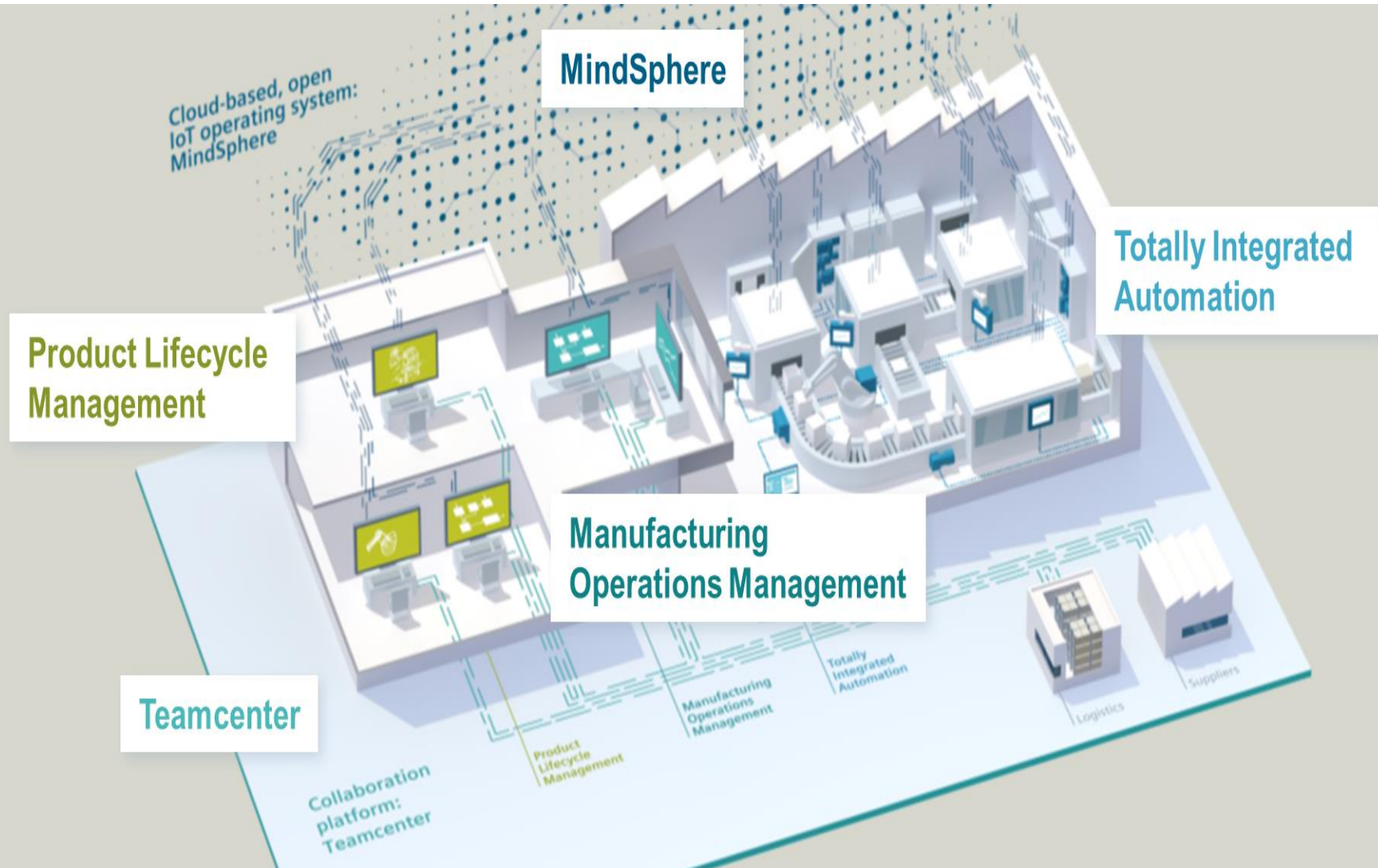


## Plant Wide Solutions

### Digital Enterprise

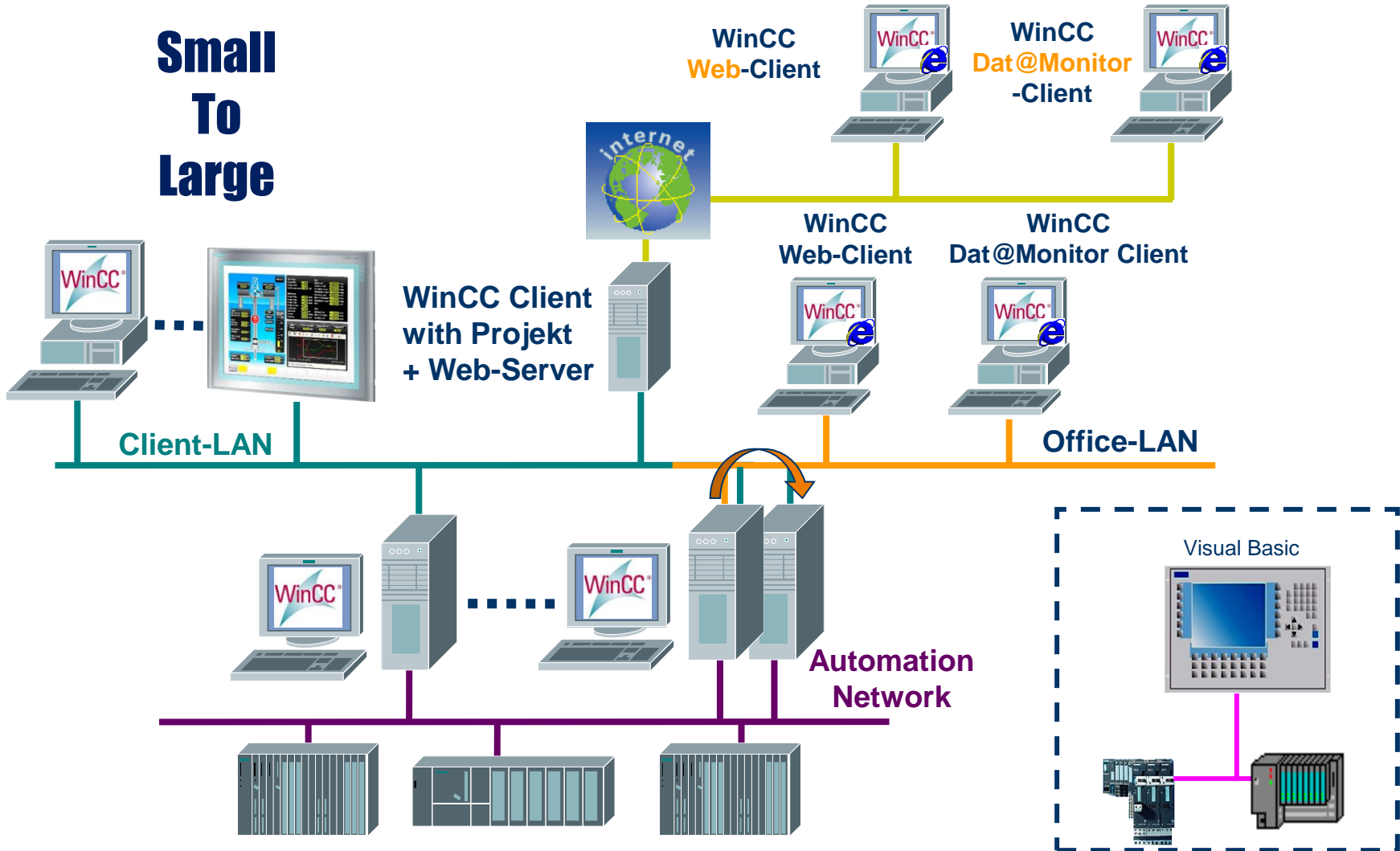


## Digital Enterprise Suite



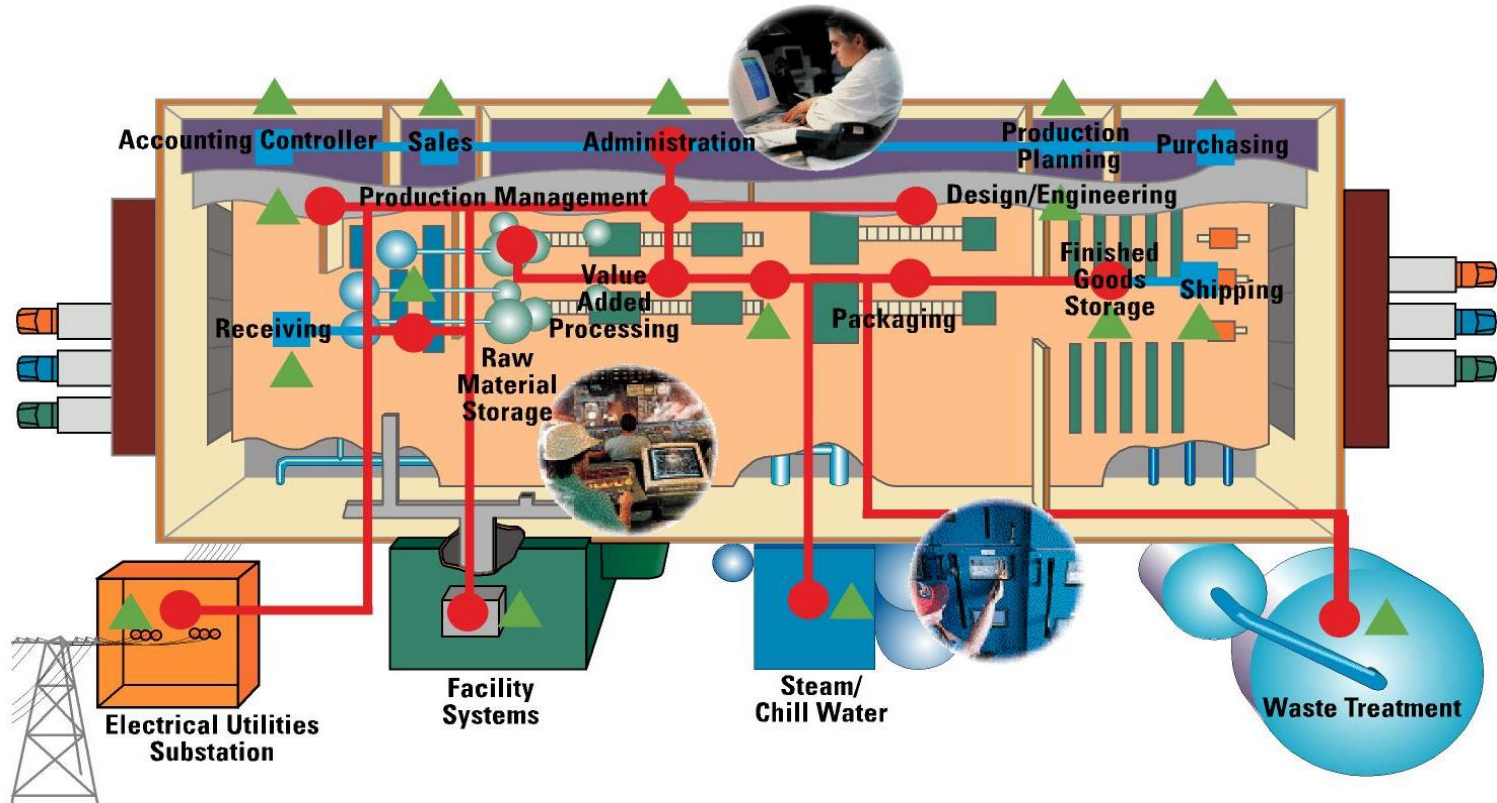


## Scalability



**Who has the Solution?**

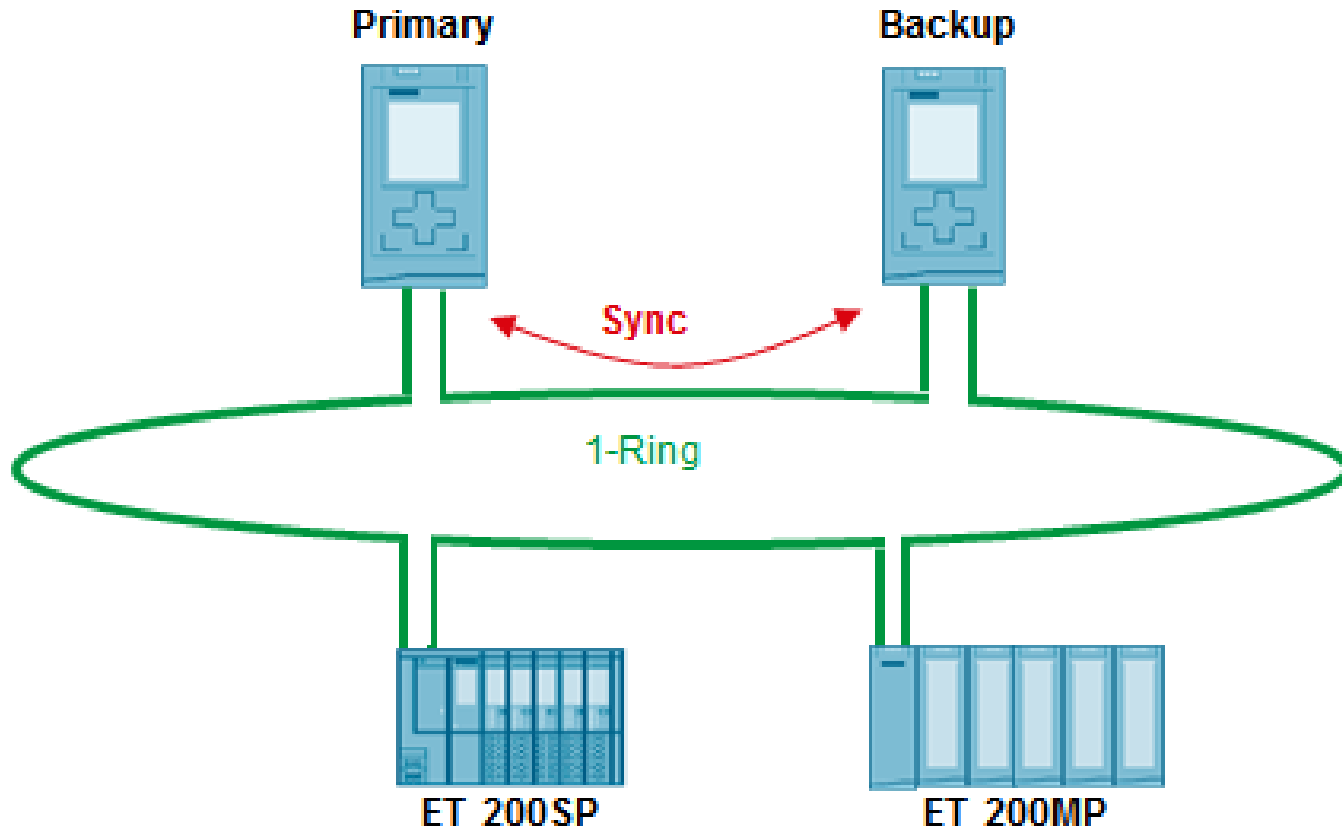
## Open Networks



Scottsdale, Az

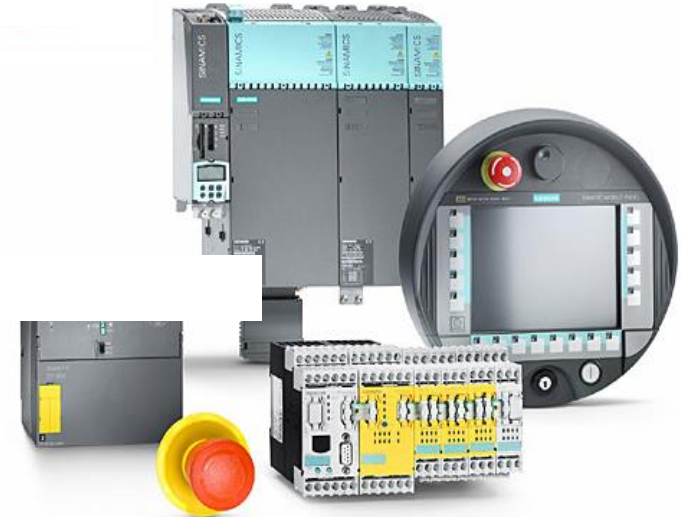
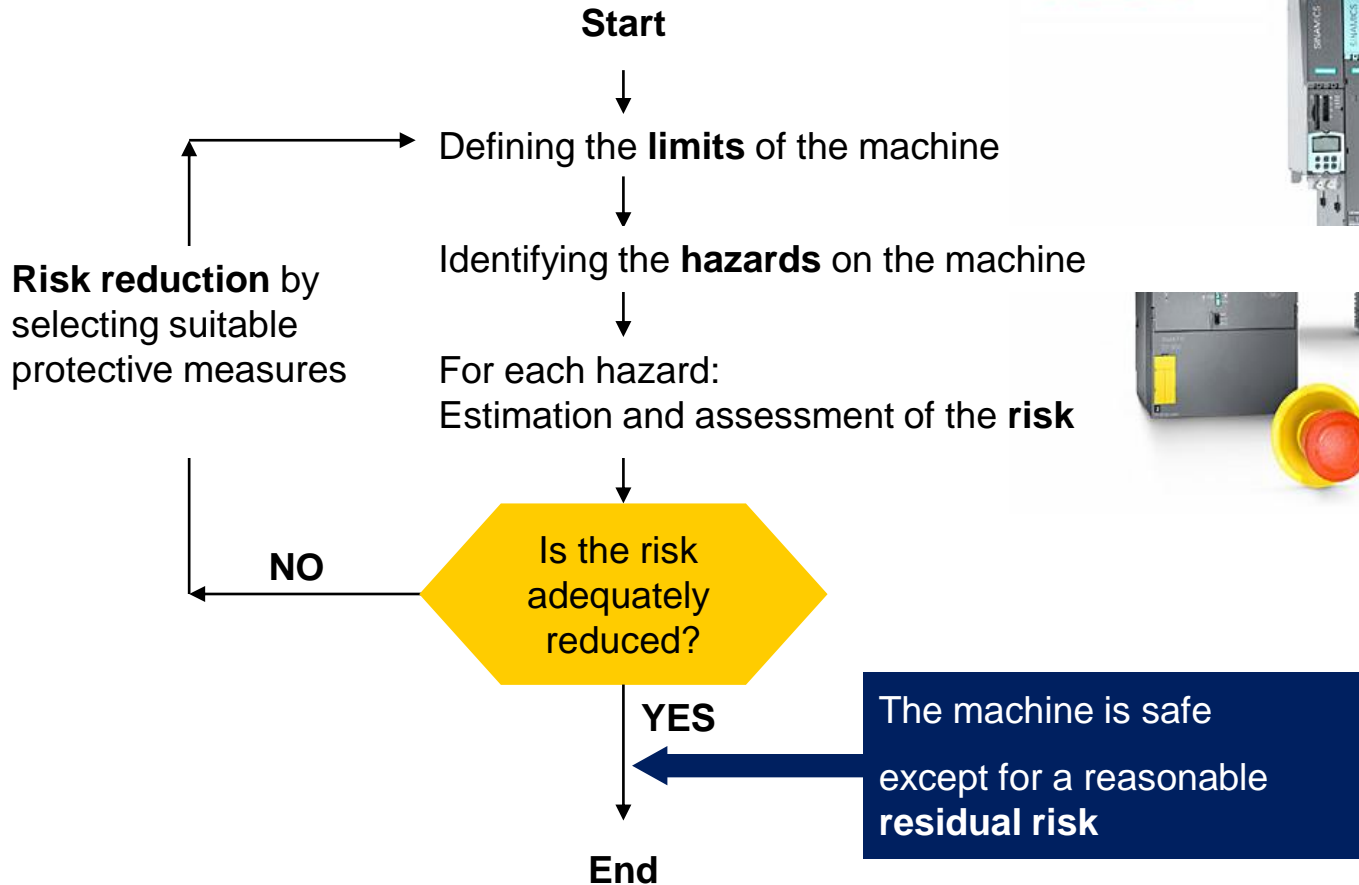
**Who has the Solution?**

## Redundant Ring Network





## Integrated Safety

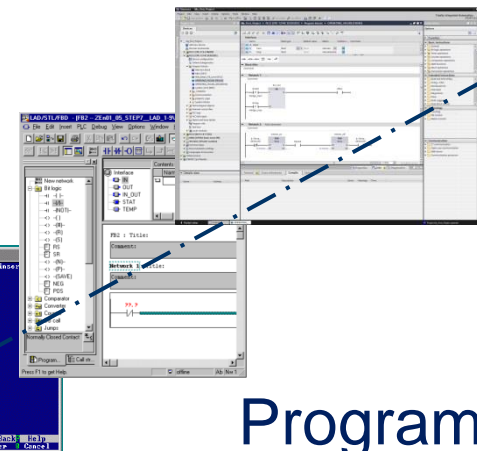


## Migration

Operator Interface  
Panels



Programmable Logic  
Controllers



Programing  
Software

Who has the Solution?

## Diagnostics

# Report Systems Errors



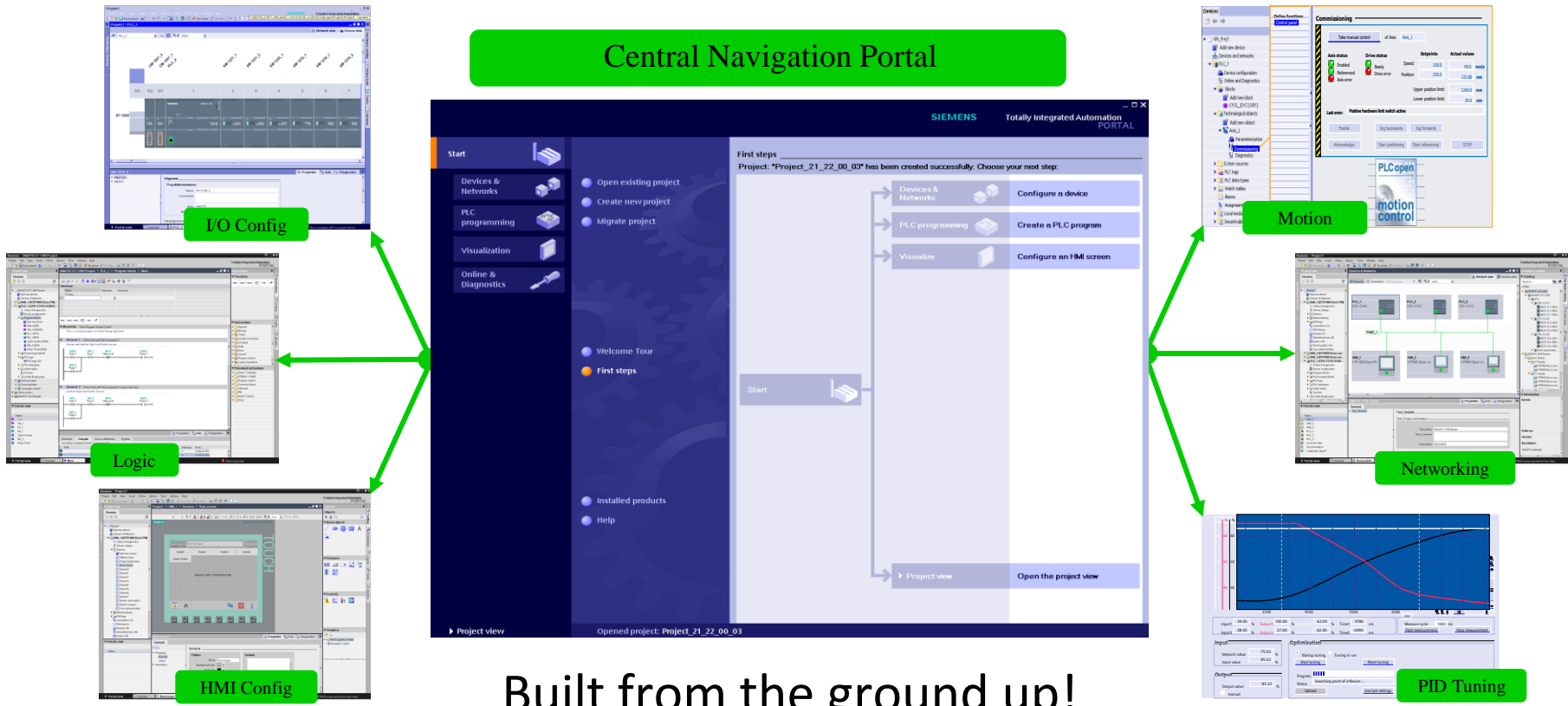
**Methods to generate  
diagnostic messages**

...	Date	Time	Priori	Source	Event	Status	In
1	08/06/06	00:07:09.669	1	S7-Programm(2)/SFM_DB	Rack 0: At least one backup battery is dead in the centr	X	
2	08/06/06	00:07:09.669	1	S7-Programm(2)/SFM_DB	Rack 0: Failure of voltage backup in the central device	X	
▶ 3	08/06/06	00:07:09.680	1	S7-Programm(2)/SFM_DB	Station 12, to master 1: DP station failed Name: IM 153-2	X	



## TIA Portal

### Central Navigation Portal

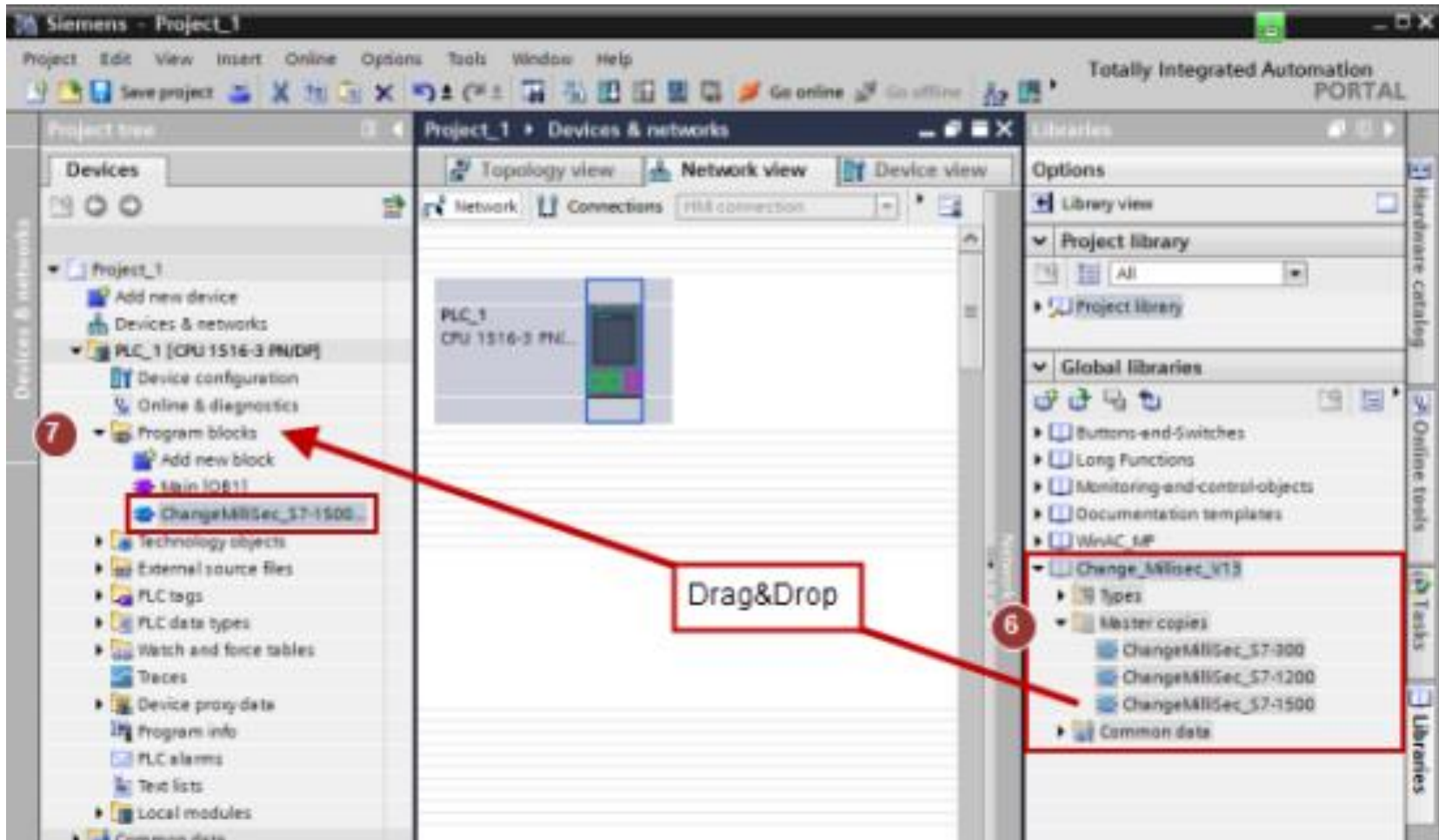


Built from the ground up!

Who has the Solution?

◆ Concept started in 1996

## Global Library

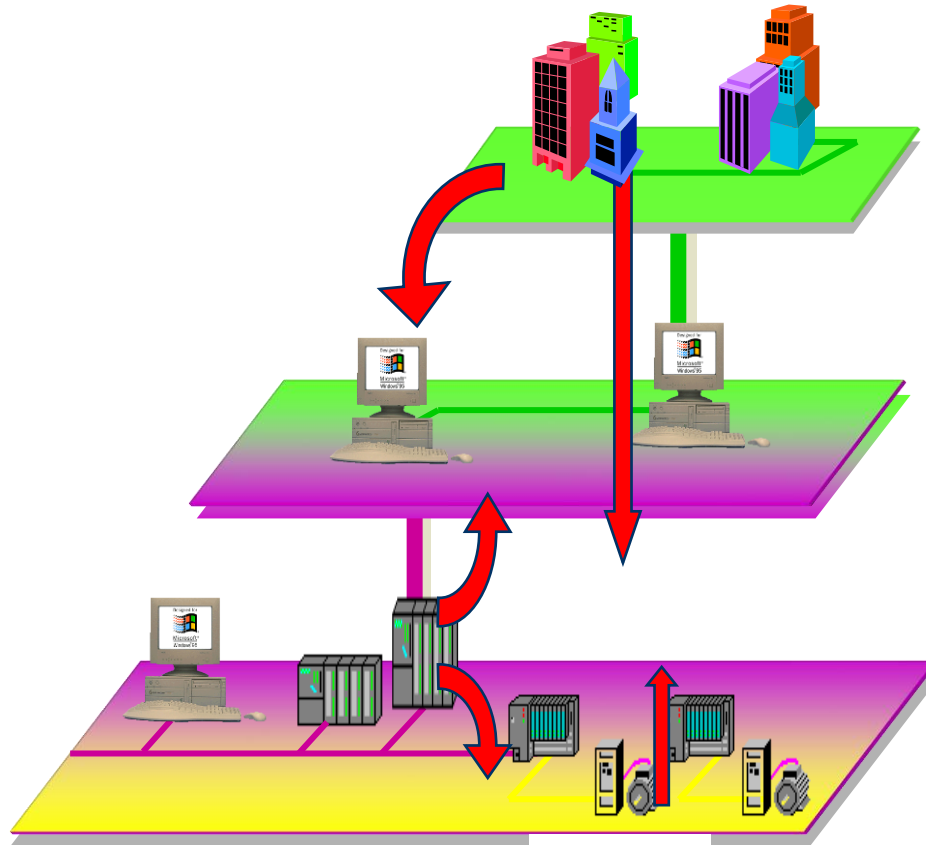


## Managing Information Flow

Enterprise Wide

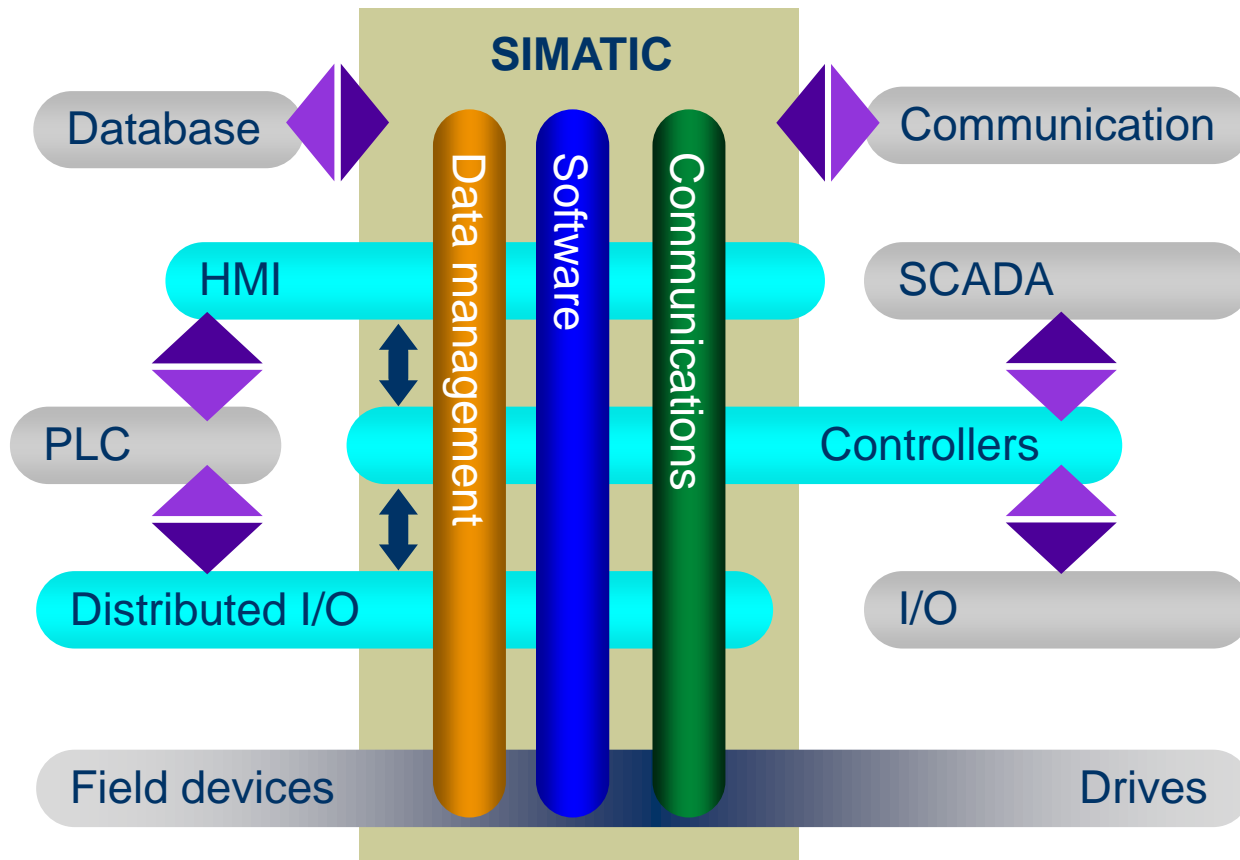
Plant Intelligence

Distributed Controls



Who has the Solution?

## Totally Integrated Automation



### Open and Integrated

Since 1996



## Automation Groups



Distributed I/O  
Drives Technology  
Engineering Software  
Human Machine Interface  
Industrial Networks  
Industrial PCs  
Micro Automation  
PC- Based Automation

Programmable Controllers  
Programming Devices  
Proximity Sensors  
RFID  
Safety Integrated  
SCADA  
Weighing Systems  
Wireless



# Let us help put a solution together!

“It All Works Together”

**Secure your investment  
and take advantage of  
innovations using  
Totally Integrated  
Automation.**



Since 1996