



*When I think of Patti Engineering, I think of great domain expertise, great knowledge. We really appreciate having them as a complementary partner.*

--Raj Batra, President, Siemens USA, Digital Factory

## SIEMENS PRODUCT EXPERIENCE HIGHLIGHTS

### INDUSTRIAL NETWORKS

- SIMATIC NET
- PROFINET
- PROFIBUS
- AS-Interface (AS-i)
- IO-Link
- SIMATIC Modbus/TCP
- SCALANCE S, M
- RUGGEDCOM
- SINEMA Remote
- SINEC NMS, INS

### MOTION & DRIVES

- SINAMICS V20, G110, G120 family
- SINAMICS S120 family
- SINAMICS S210 family
- SIMATIC MICRO-DRIVE
- SIMOTION D
- SINUMERIK 840D (Power Line and Solution Line), ONE, MC

### SIMATIC HMI & SCADA

- WinCC
- WinCC Flex
- WinCC advanced
- WinCC Pro
- WinCC Unified
- WinCC OA

### PLC & HMI PROGRAMMING

- Step 7 Classic
- TIA Portal

### SIMATIC S7 PLCS

- S7-300
- S7-400
- S7-1200
- S7-1500
- SIMATIC Industrial PC
- Distributed ET 200SP
- Fail Safe
- Technology CPUs
- Redundant

### IDENTIFICATION & LOCATING

- SIMATIC MV family
- SIMATIC RFID RF200 (HF), RF300 (HF), RF600 (UHF), and RF1000 (LF/HF) families
- SIMATIC RFID RF100C family
- SIMATIC RTLS

### SIMULATION, DIGITALIZATION, DIGITAL TWINNING, & VIRTUAL COMMISSIONING

- Tecnomatix Plant Simulation
- Tecnomatix Process Simulate
- NX for Design
- NX Mechatronic Concept Design (NX MCD)
- SIMATIC SIMIT Simulation Platform
- SIMATIC S7-PLCSIM Advanced
- SIEMENS Industrial Edge
- SIEMENS MindSphere
- SIPLUS Condition Monitoring Systems (CMS)

### UPGRADE PATHS

- S5 to S7
- MICROMASTER to G120
- SIMOVERT MASTERDRIVES MC/VC to S120
- S7 Classic to TIA Portal
- S7-300/400 to S7-1500
- ET200s to ET200sp
- Other Automation Brands to Siemens

## **A SAMPLING OF OUR SIEMENS CLIENTS**

<b>3M</b>	<b>KAUTEX</b>
<b>ALLERGAN</b>	<b>LT FOODS AMERICAS</b>
<b>AMERICAN AXLE &amp; MANUFACTURING</b>	<b>MAGNA</b>
<b>AUTOLIV</b>	<b>NATIONAL OILWELL VARCO</b>
<b>BLUE ORIGIN</b>	<b>NISSAN</b>
<b>BROSE</b>	<b>OWENS-ILLINOIS INC.</b>
<b>CATERPILLAR</b>	<b>PARKDALE MILLS INC.</b>
<b>CITY OF FAIR OAKS, TX</b>	<b>REHRIG PACIFIC</b>
<b>CUMMINS</b>	<b>REPUBLIC PLASTICS</b>
<b>DANA CORP.</b>	<b>ROSS STORES</b>
<b>DMF BAIT</b>	<b>SAMSUNG SEMICONDUCTOR</b>
<b>DRIVE SHACK</b>	<b>SAUDER WOODWORKING</b>
<b>EARTHWISE PLASTICS</b>	<b>STEEL DYNAMICS</b>
<b>ENKEI AMERICA</b>	<b>STELLANTIS</b>
<b>ETERNEVA</b>	<b>TAILORED BRANDS</b>
<b>ETHICON</b>	<b>TESLA</b>
<b>FAURECIA</b>	<b>THYSSEN-KRUPP</b>
<b>FINLAYS</b>	<b>TOYOTA</b>
<b>FLAGLER CORPORATION</b>	<b>UNITED STATES GYPSUM</b>
<b>FORD</b>	<b>URBAN MINING</b>
<b>GENERAL MOTORS</b>	<b>WALMART</b>
<b>GEORGIA PACIFIC</b>	<b>WILLIAMS INTERNATIONAL</b>
<b>HEARTLAND SWEETENERS</b>	<b>YANFENG GLOBAL AUTOMOTIVE INTERIORS</b>
<b>KAMAX</b>	<b>YARGUS</b>