

# COMPANY PROFILE



Excellon Automation Systems Pte. Ltd.

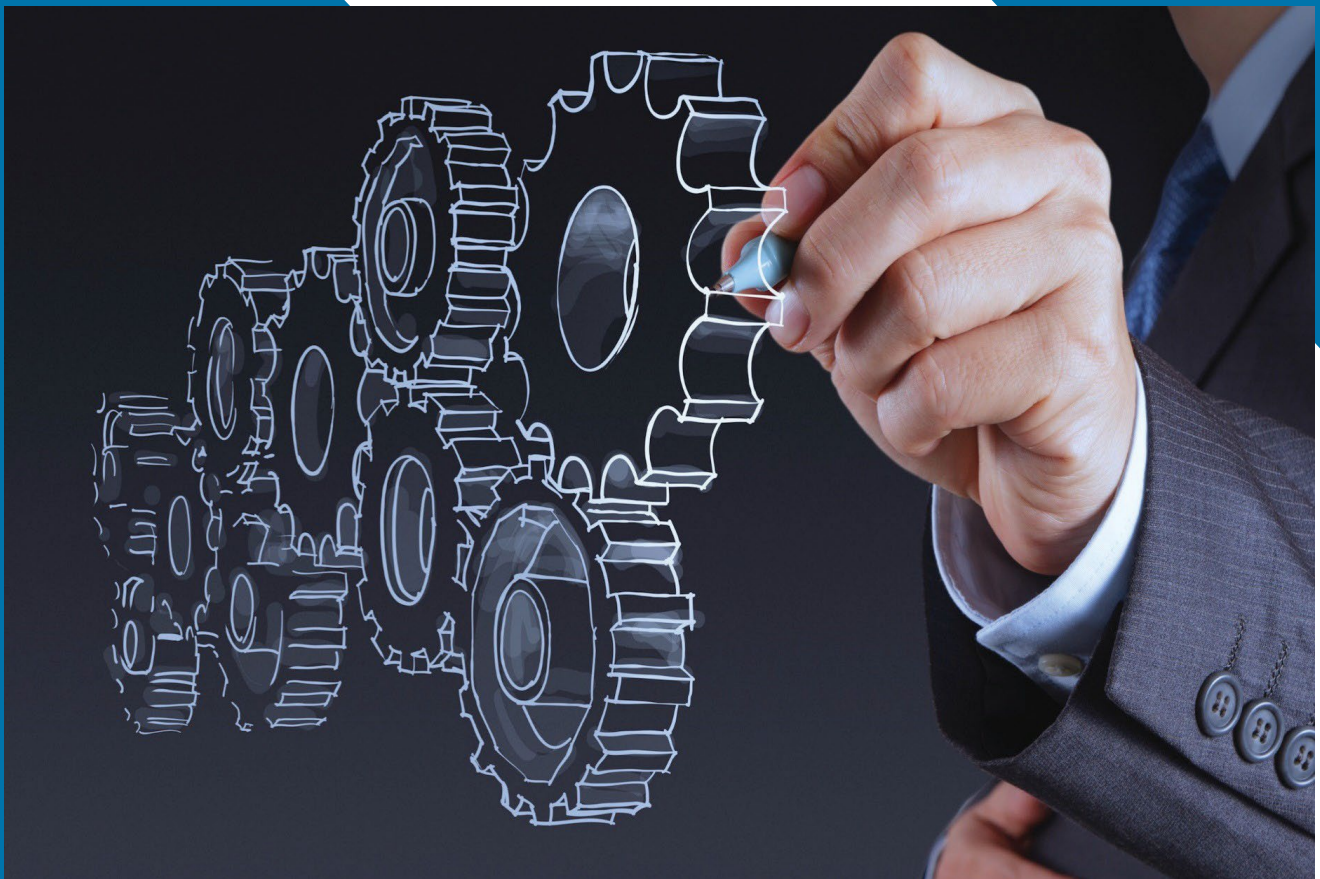


# EXCELLON AUTOMATION SYSTEMS PTE LTD



[www.excellonautomation.com](http://www.excellonautomation.com)

# WHO WE ARE ?



**Excellon Automation Systems Pte Ltd** is a solution and service provider for Industrial Automation and Process Industry. We provide all automation needs by implementing mechanical design, DCS, PLC, SCADA and Electrical Solutions under one roof. We guarantee seamless integration with of Equipment's and Machines to suit process needs of the industry.

## Excellon Automation Systems boasts the following strengths



**Certified engineers –**  
TUV and Siemens certified engineers



**Project management –**  
Managed by Project Management professionals




**Our Clients who have**  
diversified Portfolio





# Areas of Specialization Automation & Control


Subject matter experts in Automation and Control solutions with core strength in SIEMENS solutions. Executed numerous projects using



Distributed Control System –  
**SIEMENS PCS7**



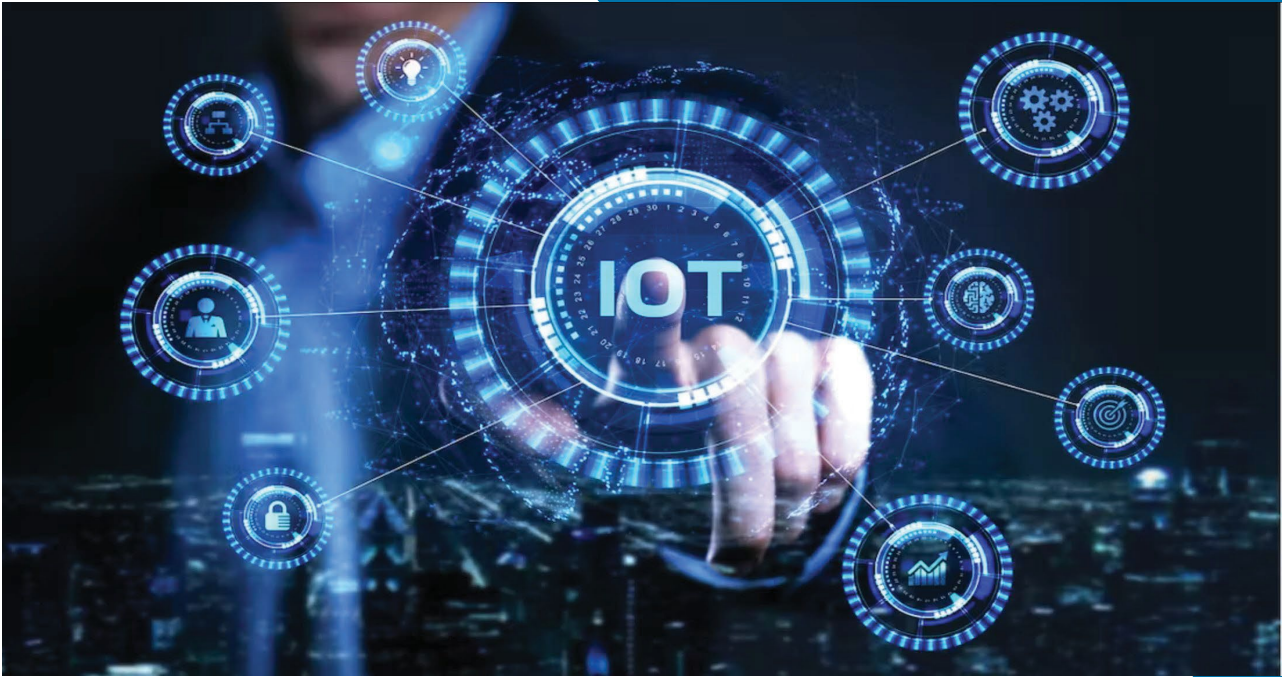
PLC –  
**SIEMENS S7400-, S7300-, Smart Series PLC**



SCADA –  
**SIEMENS WINCC SCADA & HMI**



Drives –  
**SIEMENS VFD and Servo Drives**



# Areas of Specialization Embedded & IOT Solutions



**Remote monitoring solutions provider.** Businesses who need turnkey telemetry and data acquisition solutions for **speed, flexibility, control, and optimization** of their infrastructure and facility operations can now leverage the latest IoT technology



Our Solutions , help Manufacturing operations to **connect with PLC's, sensors, actuators and other devices** that create islands of data



Secure and Scalable Data Cloud and reliable IoT/AI engine that powers our solutions

# Oily Waste Process Plant Automation Project



PLC based control system with SCADA for monitoring and controls for Oily Waste Process Plant @ NSL Singapore.



Automation Solution deploying WINCC SCADA and S7-1500 Siemens PLC



Central Process control for multiple process units such as Carbon Filter, Sequential Biological Reactor etc. with Historian and WINCC Audit features





## SAFFRON-B Project



PLC based control system with HMI for DI water treatment plant @ SABIC Innovative Plastics Singapore Pte. Ltd



Automation Solution deploying S7-1515R Siemens PLC ,TP-1200 Comfort HMI, Siemens Drives and is interfaced with Emerson DCS for centralized Control.



Central Process control for multiple process units comprising of Carbon Filter, Softener, Dual pass RO System, Membrane-Degassing System



## DI Water Automation Project



Automation and control systems package for Deionized Water Project in Regentech, Singapore



PLC based Process control with data archiving, reporting and monitoring features. Automation Solution deploying Simatic HMI screen and S7-1200 series Siemens PLC



# Embedded Telemetry Based Process Monitoring



Embedded Telemetry based Continuous Monitoring and Reporting of Purified Water treatment process.



An Improved GSM-Based Process Monitoring solution capable of Machine to Machine (M2M) capabilities that interact with the process control System, HMI and SCADA.



End user –  
Strides Pharma,  
Singapore





# Slurry and HF Treatment Project



End User –  
Lumileds  
Singapore



Client –  
Century Water  
Singapore



Slurry Treatment  
and hydrofluoric  
acid Treatment  
Project.



Automation and  
control of Slurry  
treatment utilizing  
Siemens S7=1500  
PLC and KTP HMI.



# Waste Reclaim System Project



End User –  
Global Foundries



Client –  
Century Water  
Singapore



Waste Reclaim  
System in FAB7 &  
FAB7G – 90m<sup>3</sup>/hr  
  
CDO System for  
SUBFAB tools in  
FAB7G – 45m<sup>3</sup>/hr



Automation and  
control of water  
reclaim system  
and CDO System  
in FAB7 and  
FAB7G using  
Siemens PLC.



# Fluoride Treatment System Project



End User –  
ST Micro  
Electronics



Client –  
Century Water  
Singapore



Fluoride Treatment  
system 50m<sup>3</sup>/hr  
(N+1)



Automation and  
control of Fluoride  
Treatment system  
using  
Siemens PLC.





# UPW/WWT/Reclaim Design and build Project



End User –  
Silicon Box  
Singapore



Client –  
Century Water  
Singapore



UPW/WWT/Reclaim  
Design and build  
Project



Software  
Programming and  
Commissioning for  
S7-400 Series PLC



## DI retrofit, Upgrading and wastewater treatment Project



End User –

Micron  
Muar  
Malaysia



Client –

Century Water  
Singapore



100m<sup>3</sup>/h DI  
retrofit and  
upgrading project  
and wastewater  
treatment



Automation and  
control of DI retrofit  
and upgrading project  
using  
Siemens PLC.



## Ultrafiltration system

### Project



End User –  
Novartis  
Singapore



Client –  
Century Water  
Singapore



30 m<sup>3</sup>/hr  
Ultrafiltration  
system



Automation and  
control of 30 m<sup>3</sup>/hr  
Ultrafiltration system  
project using  
Siemens PLC.





## PW system with Pre-Treatment Project



End User –  
Ciba Vision  
Indonesia



Client –  
Century Water  
Singapore



8500L/H PW  
system with pre-  
treatment



Automation and  
control of 8500L/H  
PW system with pre-  
treatment using  
Siemens PLC.



## Automated Test Equipment - AIRBUS Project



End User –  
AIRBUS , USA



Client –  
L&T  
India



Automated Test  
Equipment for  
CB4310



Automation Solution  
with AB  
CompactLogix 5380  
PLC and PanelView  
HMI



## LCC Testing Station Project

### Project



End User –

Wipro  
Infrastructure  
Engg



Client –

Wipro  
Infrastructure  
Engg

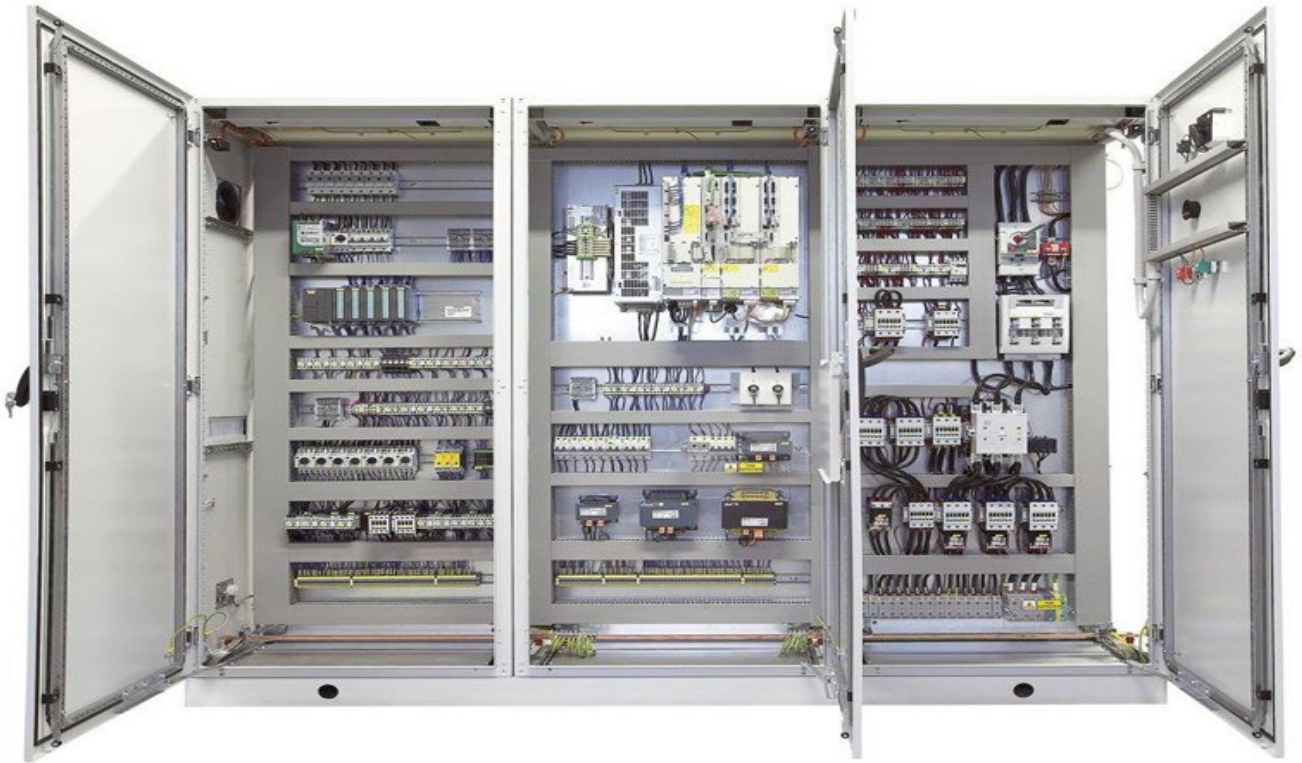


LCC Testing Station  
Project



Automation solution  
comprised of multi-  
stage Siemens  
SCADA systems with  
complete reporting,  
trending and  
operator console.





## JPCL 30 MW Power Plant Project



End User –  
JPCL  
TamilNadu



Client –  
JPCL  
TamilNadu

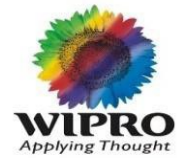


Coal based 30 MW  
Captive Power  
Plant with CFBC  
boiler of 135 TPH  
Capacity and  
30MW Steam  
Turbine Generator



Advanced Siemens  
DCS Controller PCS 7  
with total of 2500  
I/O`s.

# Our Clients





Excellon Automation Systems Pte. Ltd.

# Contact Us



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