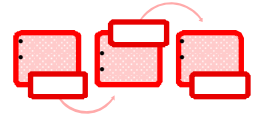# Xenopus Automation Pvt. Ltd.
Overview

PLC | HMI | SCADA | Drives

Activities

- PLC Software Development
- HMI / SCADA Screen designing & development
- Site service support for Automation / Controls
- Communication between automation devices
- OPC communication
- Customized Scripting / Application Development
- Reports Generation
- Troubleshooting services / Remote online support
- Migration / Upgradation of Control Systems
- Automation Consultancy
- Functional Design Documentation
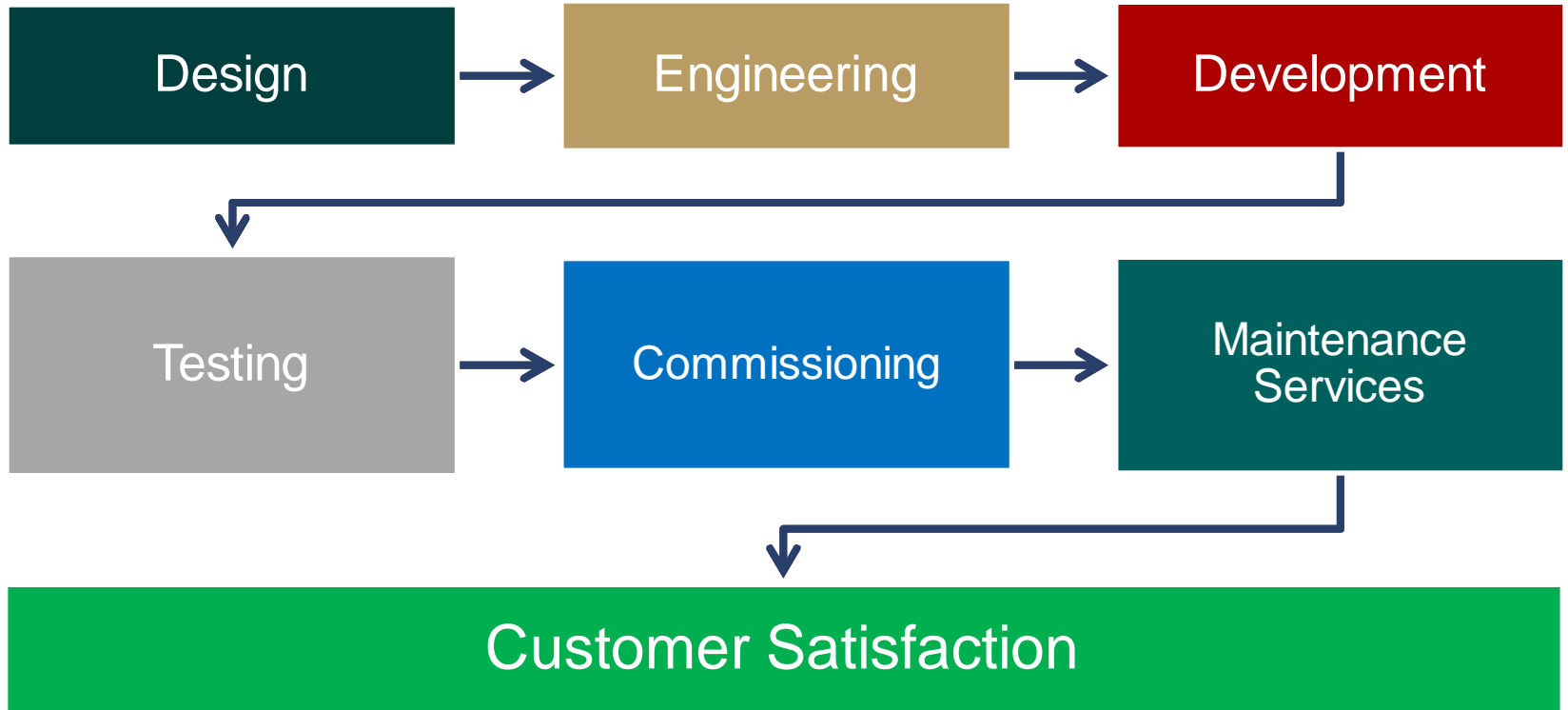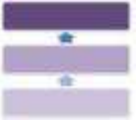- Supply of Control Panels

Services

- **In-House Services:**
  PLC Control Software /
  SCADA Development:

  - Preparation of I/O Lists
  - Program structuring
  - Standard program blocks/faceplates
  - PLC/PCS7 Application SW Development
  - HMI/SCADA Application Development
  - Test Program Development
  - Simulation testing
  - Integration testing

- **Field Services:**
  Technical manpower deputation for
  activities such as:

  - Overseas Manpower Deputation
  - Commissioning
  - Site service support / Site Integration
  - Preventive Maintenance
  - Breakdown Resolutions
  - Troubleshooting
  - Software Upgrades
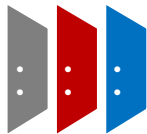 - Retrofits services
  - Client specific solutions

We are committed to …
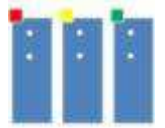
Project Lifecycle

- Input Collection - Requirement gathering and analysis

- Project scheduling, distribution of activities

- Project execution [PLC / SCADA / custom software development]

- Testing, simulation

- FAT, approvals

- Commissioning

- Performance testing, SAT

- Handover, training

- Project analysis, training to other team members
  - Maintain Backup, Notes, Minutes, Logs

Knowledge base

- Step-7
- Step-5
- WinCC / WinCC Flexible
- Siemens TIA (all versions)
- ProTool / Coros
- Simatic *PCS 7*
- Drive ES / Drive Monitor
- CoDeSys
- Eaton Galileo
- Honeywell
  - MS-DOS Loader
- RS-Logix 500/5000

- OPC
- C, VBA Scripting
- .NET Applications for Machines
- Assembly Language Prog.
- Database Solution
- AutoCAD / e-Plan
- Audit Trails
- 21 CFR Part 11 (Pharma)

Simatic – S7-300, S7-200, S7-1200, S7-400, H, FH
Simatic – OP, MP, TP, KP, KTP, IPC
AB – CompactLogix, MicroLogix – 1100, 1200, 1400
Messung NexGenie – 1000 series
ABB – 800xA
Renu – FL005

Automation Control Panels

- Supply of fully wired Control Panels for the Automation Systems

Benefits to Clients

- Young & Dynamic Automation expert team

- Multi-vendor PLC's automation capability

- Flexible working hours as per clients requirement

- Cost effective automation solutions

Quality first | Efficient delivery | Effective solutions

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Customers

Client	Project/System Details (Services -Saw Development/Commissioning)	Client	Project/System Details (Services -Saw Development/Commissioning)
Glenmark Pharmaceuticals	Ointment Filling, Label Printing Machines Automation (AB Systems)	Rohtak Sugars	Sugar Plant Mill Section Automation (Siemens PCS7)
Vanderlande Industries	Bangalore Airport Baggage Handling System SCADA (Siemens WinCC System)	**Cipla** Goa	Reports Generation (Siemens WinCC SCADA)
Skol Breweries Paradip	Breweries Automation (WinCC 7.0 SCADA Modifications)	Kider India	Encoder Drive Synchronisation (Siemens VFD)
Groupo Antoline	Machine Automation (S7-300 Communication With ABB Robot)	**Mahindra Motors**, Twin Engg	Automobile Line Stations RF-ID Systems
Madras Cement Ltd Ariyalur	Wagon Tippler Saw Development & Commissioning (Siemens S7-300 System)	Twin Engg	PLC-CP340 Serial Printer Communication Job (Siemens S7-300 System)
NTPC Kahalgaon	Wagon Tippler, Chap System (Siemens S7-400H & WinCC System)	**Fiat** Ranjangaon, Pascal	Integration Of FM 350-2 (S7-300 System)
Carlsberg Aurangabad	Breweries Automation & Comm With Existing S7-400 System (Siemens S7-300)	Aqua Goa	WTP Systems (Siemens LOGO!, Renu PLC)
Geo Miller (Auda) Ahmedabad	Water Treatment Plant (Siemens, S7- 300 ,WinCC)	**Burckhardt** ,Saipem Italy	Hydrogen Compressor Automation (Siemens S7-400 FH System)
Siemens Kalwa	Vacuum Plant Automation, Motor Plant Kalwa (Siemens S7-300, WinCC)	**Ford** Chennai	Engine Stop & Go System, Oil Filling Stations (Siemens S7-300 Systems)
Lupin Goa	Bar-coding Application (Siemens S7-1200 With Barcode)	**Tata Steel** Jamshedpur	Pneumatic Conveying System (Siemens S7-300, OP77B)
Sesa Goa	Stations Integration Wireless Communication (Siemens Sinaut & S7 System)	Sai Advantium Pharma	Machine Service Support (Siemens TP 177A HMI)
Ordinance Factory Khadki	Bullet Annealing Machines (Siemens S7-200 & HMI)	**Volvo** Eicher Indore	ANDON Display Integration With PLC (S7-300 & Serial ANDON)
ONGC Mangalore	Compressor Automation (Siemens S7-400H System)	TRF (Tata Enterprise)	Dust Handling (C400, Micrologix 1400)
RBSSK Islampur	Sugar Plant Modifications (Siemens PCS7 System)	Sintercom	Powder Press KPP-4500
SSK Sadashivnagar	Sugar Plant Automation System Troubleshooting (Siemens PCS7)	EMT Meghatherm, Rieco Ltd	EMT Meghatherm (AB System - Micrologix & HMI)
JSW Bellary	Steel Plant PCS7 ANDON Display Integration (Siemens PCS7)	Rieco Ltd	Hyderabad Industries (AB System Micrologix)
Tata Motors Jamshedpur	Overhead Conveying Line Automation (Siemens S7-400, WinCC, TP 177)	**L&T**, Rieco Ltd	Bhushan Steel Orissa Pneumatic Conveying Systems (Siemens S7-300R Systems)
Schreiber Dynamix Dairy	Milk Powder Production (Simatic PCS7, S7-1200)	Rieco Ltd	Tata Pallet Jamshedpur - Dedusting Systems (Siemens S7-300 ,HMI)

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Contact Us @ www.xenopus.co.in

HEAD OFFICE:	BRANCH OFFICES:
PUNE Xenopus Automation Pvt. Ltd. B2-504,Tirupati Campus Phase-II, Adarsh Nagar, Airport Road, Vishrantwadi, Pune - 411015, [MAH] INDIA	**PUNE** XENOPUS Automation Pvt. Ltd. Basement Office-15, Pune Trade Center, Ubale Nagar, Nagar Road, Wagholi, Pune, Maharashtra - 412207, [MAH] INDIA
E-mail us @ info@xenopus.co.in sandesh.patil@xenopus.co.in	**NASHIK** Xenopus Automation Pvt. Ltd. 01, Yeolekar Building, Opp. Panchavati Karanja, Nashik – 422003, [MAH] INDIA

Xenopus Automation Pvt. Ltd.

Thank You

PLC | HMI | SCADA | Drives