

# Major Projects Completed

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|  | <p><b>Packaging Machine Automation for Parle Biscuit, Vile Parle, Mumbai, Maharashtra.</b><br/> <b>End User: Parle Products Pvt. Ltd.</b><br/> System: Schneider PLC: Micro, Premium and Nano, AC Drive: Atv-31 &amp; Atv-71), Premium PLCs with Cay module for controlling of Servo Drive.<br/> Work Done: Designing, Software Development, FAT &amp; SAT of High Range PLC based System, Panel Design and Mfg.<br/> HMI: XBT-P, XBT-PM, XBT-F and XBT-G.<br/> Software: PL7 PRO V4.4, XBT L1000 V4.48, and Vejio Designer.</p> |
|  | <p><b>Material Handling for Steel Plant Essar, Hazira.</b><br/> <b>End User: Essar Steel Dept., Hazira.</b><br/> System: S7-400 H Redundant with Distributed I/O &amp; WinCC Scada<br/> Work Done: Control Panel Designing, Software Development, FAT &amp; SAT of High Range PLC based System for Material Handling Area,</p>                                                                                                                                                                                                   |
|  | <p><b>(Overseas) Supply &amp; Commission Of Wellhead Control System For Sahil Gas Injectors and Asab Gas Lift, Abu Dhabi.</b><br/> <b>End User: Abu Dhabi Company for Onshore Oil Operation (ADCO), Abu Dhabi.</b><br/> System: CPU 414-4 H, S7 400 FH with distributed fail safe I/O's, S7 300 with CP343-1 and TIM 3V-IE (for GSM communication), TX/RX MODEM and Antenna, TIM 4VD (for GSM communication) and WINCC 6.0 (SCADA).<br/> Work Done: Project Development &amp; Commissioning.</p>                                 |
|  | <p><b>M/C 2940-HPA Shell Core Shooter Machine</b><br/> <b>End User: Susha Founders &amp;Engineers, Surat.</b><br/> System: S7-200 (CPU-226) and OP-170B Mono (HMI) Wincc flexible 2005.<br/> Work Done: Project Development &amp; Commissioning.</p>                                                                                                                                                                                                                                                                             |
|  | <p><b>India Rubber Crumb Baler</b><br/> <b>End User: Apar Industries, Ankleshwar.</b><br/> System: S7-300 (CPU-313C) and OP-77B Mono (HMI) Wincc flexible 2005.<br/> Work Done: Project Development &amp; Commissioning.</p>                                                                                                                                                                                                                                                                                                     |
|  | <p><b>Yashashvi Rashayan</b><br/> <b>End User: Yashshvi Rashayan Pvt. Ltd., Ankleshwar</b><br/> System: S7-300 (CPU-313C) and WINCC.<br/> Work Done: Project Development &amp; Commissioning.</p>                                                                                                                                                                                                                                                                                                                                |
|  | <p><b>Car park Ventilation System, Transpower</b><br/> <b>End User: Transpower Technology Pvt. Ltd.</b><br/> System: S7-200 (CPU-224) and OP-77B (Wincc Flexible 2007).<br/> Work Done: Project Development &amp; Commissioning.</p>                                                                                                                                                                                                                                                                                             |
|  | <p><b>CCRHVAC System</b><br/> <b>End User: National Thermal Power Corporation, Hazira, Surat.</b><br/> System: S7-200 (CPU-226) and TP (Wincc Flexible 2007) and runtime data log and alarm log on PC<br/> Work Done: Project Development &amp; Commissioning.</p>                                                                                                                                                                                                                                                               |

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|  | <p><b>Cast Copper Rod-2, Coiler and Miller Project</b><br/> <b>End User: Hindalco Ltd, Dahej.</b><br/> System: S7 400, Wincc 7.0, Simoreg Drive and Hmi connected of profibus<br/> Work Done: Project Development &amp; Commissioning.</p>                                                                                                              |
|  | <p><b>R (Software Redundancy to H Hardware Redundancy)</b><br/> <b>End User: Essar Steel Dept., Hazira.</b><br/> System: CPU 414-4 H, S7400H Sync Module with S7400H Fibre Optic Cable.<br/> Work Done: Project Development &amp; Commissioning.</p>                                                                                                    |
|  | <p><b>Coil Car System for</b><br/> <b>End User: Essar Steel Dept., Hazira.</b><br/> System: S7- 400 with Distributed I/O through Profibus network.<br/> Work Done: System Designing, Software Development &amp; Commissioning</p>                                                                                                                       |
|  | <p><b>Biscuit Packaging Machines</b><br/> <b>End User: Parle Biscuit, Rudrapur, Uttarakhand.</b><br/> System: Premium PLCs with Cay module for controlling of Servo Drive,<br/> HMI: XBT-P, XBT-PM, XBT-F and XBT-G.<br/> Software: PL7 PRO V4.4, XBT L1000 V4.48, and Vejo Designer.<br/> Work Done: Designing, Software Development, Upgradation.</p> |
|  | <p><b>Boiler Automation</b><br/> <b>End User: Jindal Saw Ltd, Punjab.</b><br/> System: Schneider Twido PLC With Mangalis HMI<br/> Configuration, Communication and Commissioning of System.</p>                                                                                                                                                         |
|  | <p><b>Paper Coating process plant</b><br/> <b>End User: Tulsi Paper Ltd., Kareli Dastan, Surat</b><br/> System: Delta DVP PLC and Delta HMI<br/> Work Done: Project Development &amp; Commissioning.</p>                                                                                                                                                |
|  | <p><b>CVD Lab grown Diamond machine Automation</b><br/> <b>End User: Devngi Innovations LLP, Surat.</b><br/> System: S7 1200 PLC System with Wincc RT HMI<br/> Work Done: Control Panel Designing and Mfg, Project Development &amp; Commissioning, Turnkey Solution with Process Instruments.</p>                                                      |
|  | <p><b>Stirrer Application</b><br/> <b>System: 50 HP, Danfoss Drive</b><br/> End User: White Crystals Pvt. Ltd. Vyara.<br/> Work Done: Supply, Programming and Commissioning.</p>                                                                                                                                                                        |

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|  | <p><b>CVD Lab grown Diamond machine Automation</b><br/> <b>End User: Pragati Enterprise, Surat.</b><br/> System: Delta PLC ES Series, DIAView SCADA.<br/> Work Done: Control Panel Designing and Mfg, Project Development &amp; Commissioning, Turnkey Solution with Process Instruments.</p>                        |
|  | <p><b>Industrial Internet of Things (IIOT)</b><br/> <b>End User: J K Paper Ltd, Songadh.</b><br/> System: Delta DVP PLC System, S7 1200 PLC System, Schneider PLC System Communicate with KAPP Server and Data transmit Centrally.<br/> Work Done: Architecture, Designing, Configurations, Execution.</p>           |
|  | <p><b>Boiler ID Fan Controlling with PID Application</b><br/> <b>End User: Jin Mata Food Ltd., Dhulia, Maharashtra.</b><br/> System: DVP Delta PLC, with Delta HMI, work on WPL Software, Filed Instruments, Siemens AC Drive<br/> Work Done: Panel Design, Manufacturing, Development, Commissioning of System.</p> |
|  | <p><b>Reheating Furnace 250 Ton and 300 Ton Capacity SCADA Development</b><br/> <b>End User: L&amp;T Special Steels &amp; Heavy Forgings Pvt. Ltd.</b><br/> Migration from Wonderware Intouch to Siemens Wincc Scada 7.5 SP2<br/> Work Done: Development, Commissioning and Testing</p>                              |
|  | <p><b>Rewinder Automation for Paper Slitter</b><br/> <b>End User: JK Paper Ltd</b><br/> Siemens S7 1500 profinet with MTP 700 HMI with TIA V 19 Software<br/> Work Done: Development, Commissioning and Testing</p>                                                                                                  |
|  | <p><b>Oxygen Plant Automation at Paper Plant</b><br/> <b>End User: Naini Paper Ltd.</b><br/> Upgradation with Siemens S7 200 SMART<br/> Work Done: Development and Commissioning and Testing</p>                                                                                                                     |
|  | <p><b>FBR Automation at Paper Plant</b><br/> <b>End User: Naini Paper Ltd. Kashipur</b><br/> Upgradation from Allen-Bradley to Siemens S7 1500 PLC, KTP 700 and WINCC SCADA with TIA V19 Software including panel wiring and field wiring.<br/> Work Done: Development and Commissioning and Testing</p>             |
|  | <p><b>Dismantling and Reinstallation of Electrical and Control Wiring of CHM Sheeter and Packaging Machine</b><br/> End User: JK Paper Ltd., Songadh</p>                                                                                                                                                             |

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|  | <p><b>Paper Reel Turnup System</b><br/><b>End User: Naini Paper Ltd., Nainital</b><br/>Software: Micro win, TIA Verson19<br/>System : S7 200 Smart, TP 400 HMI<br/>Work Done : Project Development &amp; Commissioning</p>     |
|  | <p><b>Web Tension Controler for Paper Roll</b><br/><b>End User: Gayatrishakti Paper Board Ltd., Vapi</b><br/>Software: TIA Veson 19<br/>System :S7 1200, TP 400 HMI<br/>Work Done: Project Development &amp; Commissioning</p> |
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