

1 Process Manufacturing Solutions | CognizantIMPROVE PRODUCTIVITYDigital solutions for a smarter factoryWater technology leader saves \$25MBy integrating its ERP systems, the company simplified processes and halved its operational costs.Build the connected factory.Cognizant works with process manufacturers to transform from traditional automation islands to the fully connected smart processes of tomorrow. We help you streamline production, cut operating costs, enhance plant yields and reduce environmental impact.PROOF POINTSIoT platform connects data, spurs innovationA heavy equipment manufacturer uses a cohesive IoT platform to enable enterprise-wide analytics and fully utilize its telemetry data.Read the case studyProcess redesign simplifies business, cuts costsBy synchronizing its ERP systems, a global water technology company standardized its business processes and halved its total cost of operations.Read the case studyOur capabilitiesEnterprise and supply chain systemsStreamline ERP managementCognizant provides digital expertise in all leading enterprise resource planning (ERP) and supply chain management (SCM) packages. We help process manufacturing companies manage industry consolidation, global supply chain complexity and volatile commodity prices. Our expertise covers the entire spectrum from roadmap definition to design, implementation and maintenance of IT systems, as well as running back-office processes.Our Chemical Industry Template enterprise solution is built on industry standards that can significantly cut lead time for chemical companies' large-scale ERP rollouts.Green plantReduce your carbon footprintTo meet the ever-increasing demand for reducing the carbon footprint of process manufacturing, we provide tools and reports for critical systems including waste lifecycle management, energy management, Green IT, REACH compliance and global regulatory reporting.We offer consulting and implementation expertise to make Green Plant a reality. Plus, our WasteTrace solution tracks industrial waste from generation through transportation and disposal. It also enables printing of labels, placards and various compliance reports.Smart plantConnect processesWe help process manufacturers manage capacity in an intelligent and cost-efficient manner, making use of the latest digital monitoring and management technologies. These are integrated with supply chain planning systems, as well.The result is longer life for plant assets, lower maintenance costs and higher reliability of plant operations. It also helps reduce the need for manual intervention in potentially hazardous environments.Connected plantGet ahead of the curveWith deep experience delivering cutting-edge solutions to process manufacturing companies, Cognizant offers a range of services in batch and recipe optimization, plant performance management, key account management and business analytics. Using the latest digital technologies such as IoT and blockchain, we help you take a data driven approach to decision-making.Among our solutions:iBatchenables intelligent batch execution and proactive management of shop floor events, together with support for data analyticsLaboratory Information Management (LIMS)provides integrated sampling, sample traceability, analysis scheduling and result reporting, interfacing with lab equipment and providing data for further analysisPlant Metrics Management Solution (PMMS)helps organizations align and streamline plant operations with overall business strategy, so business key performance indicators (KPIs) react immediately to changes at the operational levelTHOUGHT LEADERSHIPLatest thinkingThe new leadership playbook for the digital ageLeadership teams are reimagining what leadership should look, feel and be like in the new digital age.Know moreDriving digital experience through the cloudHere's how 18 real-world businesses are improving agility, resilience, security and efficiency through the cloudKnow moreBecoming software-centric in a post-COVID worldThe pandemic has fast-tracked the need for every company, across virtually every industry, to become a software-centric business.Know moreAdapting old-world careers to a new-world workforceOrganizations must shift away from a career model that never imagined the working population becoming so diverse.Know moreHow technology remolds the digital supply chainIndustry 4.0 digital technologies are enabling processes, partners and products to enhance today's interconnected supply chain.Know moreThe renaissance of blue-collar workAs technology boosts blue-collar workers into high-skilled roles, organizations must make changes to their workforce strategies.Know more