

In Focus: Powering Processes, Smartly.

WE CARE, WE CREATE
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LEADERSHIP INSIGHTS



SAFETY COMPLIANCE AND CHANGING INDUSTRY PRACTICES

By leveraging the transformative power of smart technologies, the process industry is leading the way to enhanced safety compliance for workers engaged in hazardous operations. Real-time supervision made possible by the coming together of wearables, cloud connectivity and advanced analytics enables organizations to improve worker protection on the factory floor and deliver more benefits.

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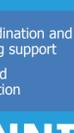
SUCCESS STORIES



MAXIMISING THE POTENTIAL OF FEASIBILITY ENGINEERING

RELOCATING 7 DRY LAUNDRY PACKING LINES

LINE OF ACTION

 <p>ANALYSIS</p> <ul style="list-style-type: none"> ◆ Current state mapping ◆ Studying plant equipment and processes 	 <p>PLANNING</p> <ul style="list-style-type: none"> ◆ New process plan and layout ◆ Detailed engineering
 <p>SUPPORT</p> <ul style="list-style-type: none"> ◆ Dismantling assistance ◆ Database creation 	 <p>INTEGRATION</p> <ul style="list-style-type: none"> ◆ Identifying equipment for reuse ◆ Transfer and integrate equipment to new facility
 <p>INSTALLATION</p> <ul style="list-style-type: none"> ◆ Supplier coordination and commissioning support ◆ Prototype build and SOP creation 	

FINAL PLANNING & EXECUTION

<p>DELIVERABLES</p> <ul style="list-style-type: none"> › Study report analysing technology options › Transition to front-end engineering › Timely process re-commencement 	<p>OUTCOME</p> <ul style="list-style-type: none"> › Successful relocation of plant › Cost-effectivity › Minimum wastage › Maximum equipment reuse › Full operational readiness
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UNLOCKING THE SCOPE OF ELECTRICAL SAFETY STUDIES

ELECTRICAL RISK ASSESSMENT FOR A GLOBAL FMCG MAJOR

LINE OF ACTION

 <p>Visual inspection of electrical system</p>	 <p>Risk identification</p>
 <p>Analysis of plant's electrical system</p>	 <p>Electrical Transient & Analysis Program</p> <ul style="list-style-type: none"> › Load flow › Short circuit › Relay setting › Arc flash › Improvement recommendations & mitigation plan

FINAL PLANNING & EXECUTION

<p>DELIVERABLES</p> <ul style="list-style-type: none"> › As-built line diagrams › Electrical risk assessment report › Thermal scanning report › Electrical Transient & Analysis program study report 	<p>OUTCOME</p> <ul style="list-style-type: none"> › Increased electrical safety and system reliability › Improved maintenance procedures
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Want to learn more about these projects, write to us at know.more@Inttechservices.com

TREND TALK



TOP 10 TECHNOLOGY TRENDS FOR PROCESS INDUSTRY

Distilling the best of next-generation smart materials and digital technologies, the frontiers of the construction domain are being pushed to new limits. Gain insights into the ten top trends driving the industry into an exciting new era of possibilities.

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LEVERAGING IIoT FOR W.A.G.E.S MANAGEMENT

Industry 4.0 brings next generation solutions that can help organizations maximize energy efficiency and sustainability across operations. Today there are new and innovative ways to deliver a cost-effective solution to meet the Industry 4.0 standards, to help to simulate optimized workflows prior to implementation, to address energy efficiency issues and achieve so much more.

[Read More](#)

QUESTION OF THE EDITION



WHY IS THE FOOD PROCESSING INDUSTRY RELUCTANT TO ADOPTING IoT TECHNOLOGIES?

There's no denying that digital technology is poised to revolutionize the manufacturing processes in the near future. While more and more companies are deploying transitional models for transformative new technologies, food processing industry has been laid back in adopting Internet of Things (IoT) to their businesses. Experts believe that it's a result of the behavioral reluctance of processors to have their data collected and analysed vis-à-vis entrusted employees. The skill gap in workforce is yet another but extremely important factor here. New age technologies like IIoT demand workforce adept with technical know how, which requires education, apprenticeships and industry partnerships – adding to the overall costs. Moreover, the popular belief that technology will replace human workforce is another reason for this slow transformation. Ultimately, it's important to understand that implementation of IIoT solutions will drive associate satisfaction as companies move away from the constant firefighting that is prevalent in the industry today.

Have a question in mind? Write to us at know.more@Inttechservices.com and find the answer in the next edition of the newsletter.

MEET OUR EXPERTS



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WE'D LOVE TO HEAR YOUR THOUGHTS

YOUR OPINION MATTERS

We are constantly striving to make an impact and enhance your experience. We would like you to answer a set of few simple questions with your valuable feedback. Your inputs will be of immense help to our team while they plan for the next edition. Thank you, already!

[Take the Survey here](#)