

ГОСУДАРСТВЕННАЯ КОРПОРАЦИЯ ПО АТОМНОЙ ЭНЕРГИИ «РОСАТОМ»

Key Tools for Cost & Time Optimization When Developing Up-to-Date NPP I&C

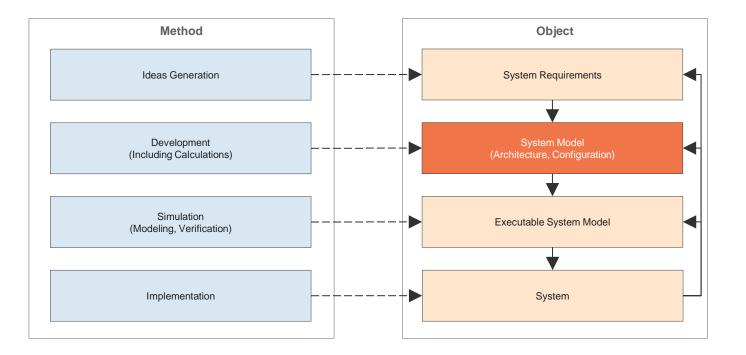
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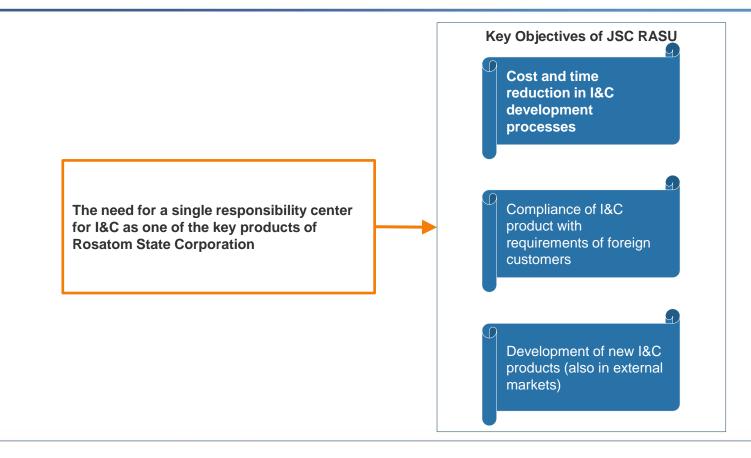
Moscow, 2016





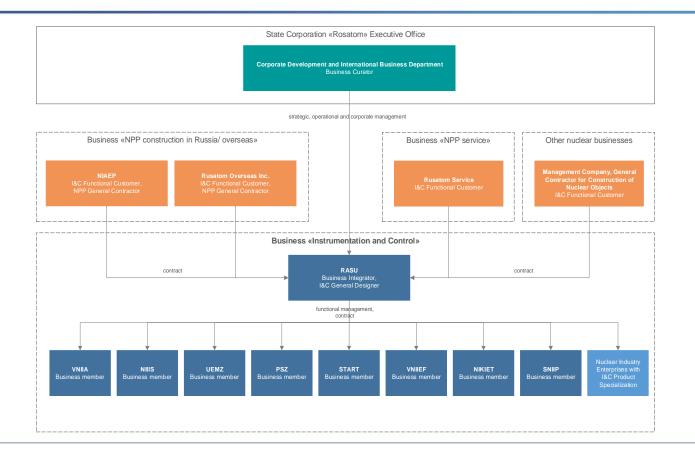
Current Challenges of NPP I&C Development & Commissioning Projects – Objectives of JSC RASU





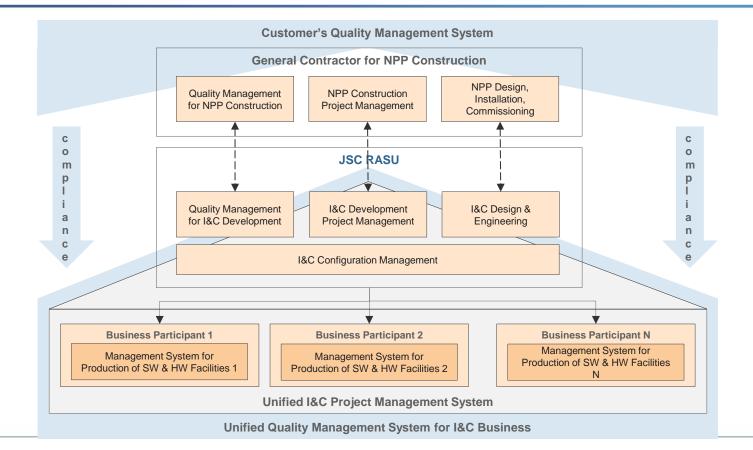
I&C Business Management Model



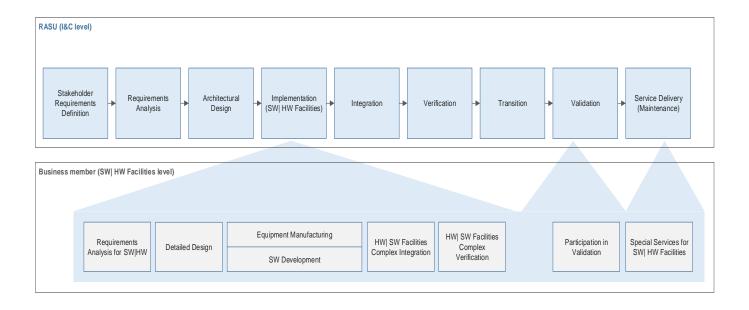


I&C Project Management Model









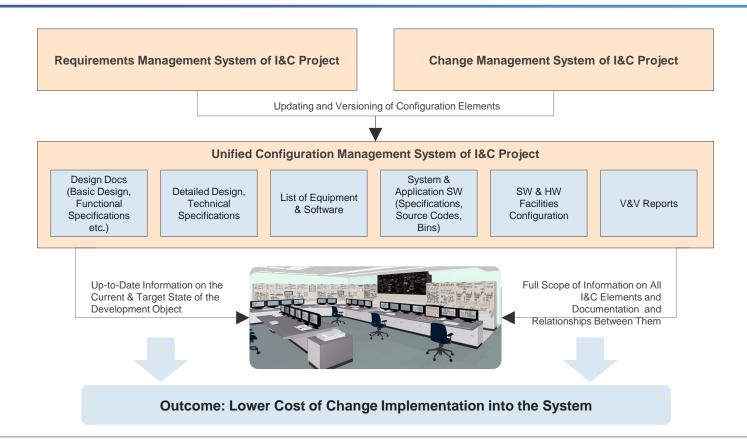
Application of Value Engineering at All Stages of I&C Product Value Chain



	Product Development	Presale	Contracting	Project Execution
Cost Management	Price Formula Standard Prices Cost Drivers Product Development Cost	Product price for specific customer	Initial Maximum Price Contract Price	Cost of Changes
Terms Management	Time-to-market	Sales Funnel Terms	Contracting Terms	Procurement and Key Events Terms
Quality Management	Product and product development process compliance with international standards (prequalification)	Compliance with specific customer requirements Quality of commercial proposal	Compliance with quality requirements listed in tender documentation Quality of tender documentation	Product and product procurement process compliance with specific customer requirements
Risk Management	1. Risk identification during re 2. Risk elaboration, inc. influe	all stages of I&C Value Chain: gular project reporting and review nce on project KPIs (value, cost, to on of compensatory measures, «h		

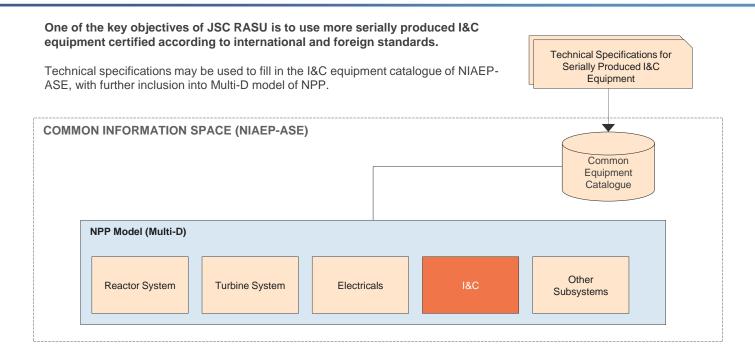
Integrated Management of Requirements, Changes & Configuration as a Basis for I&C Information Management





Transfer to Serially Produced Equipment as Unified Configuration Elements of I&C Design (1/2)

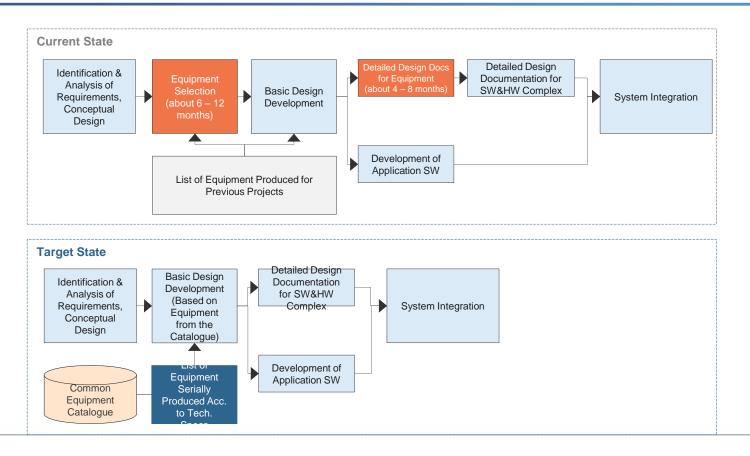




Outcome: Reduction of I&C Design & Engineering Time (Possibility to Use Standard Equipment for Different Projects)

Transfer to Serially Produced Equipment as Unified Configuration Elements of I&C Design (2/2)







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Thank you for your tome!

