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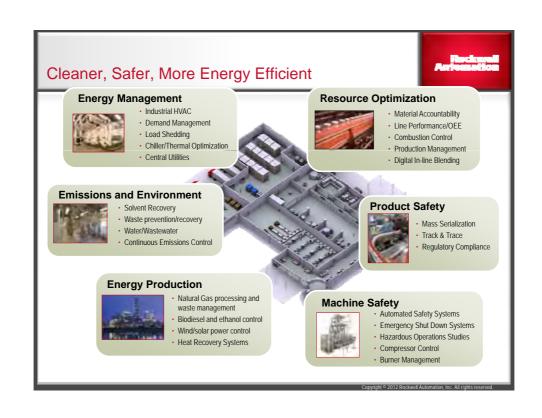




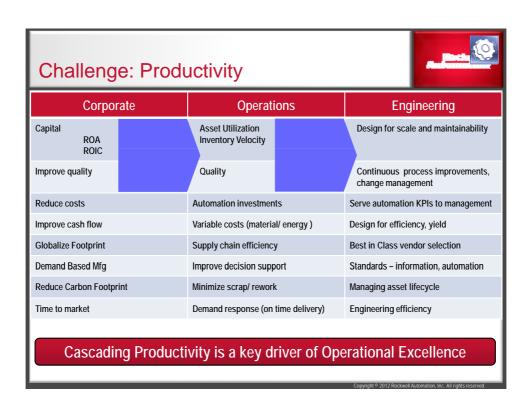


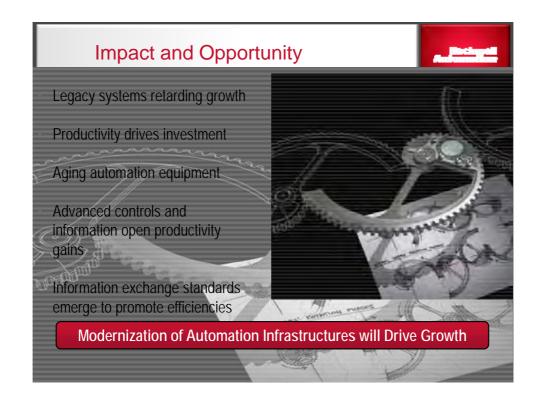
Impact and Opportunity: Corporate Social Responsibility • The CEO Driving CSR targets to his organization Corperate Social Responsibility Making investor declarations Corporate EHS officer targets: Lost time injury Risk management Environmental compliance Carbon footprint Operations executives—a lean opportunity Reduce COGS (Cost Of Goods Sold) Re-engineering processes Engineering management Sustainability Becomes a Key Enabler For Corporate Success



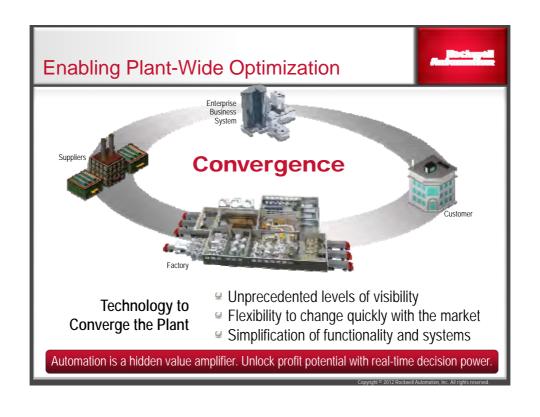


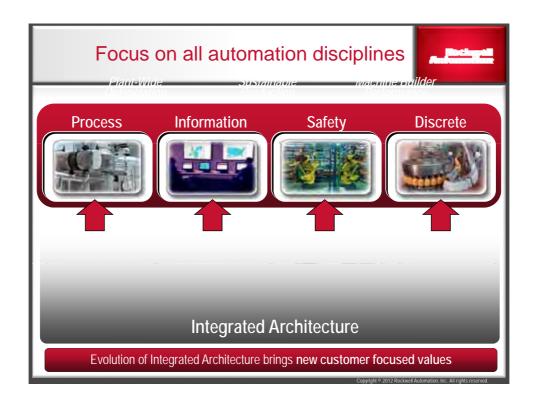


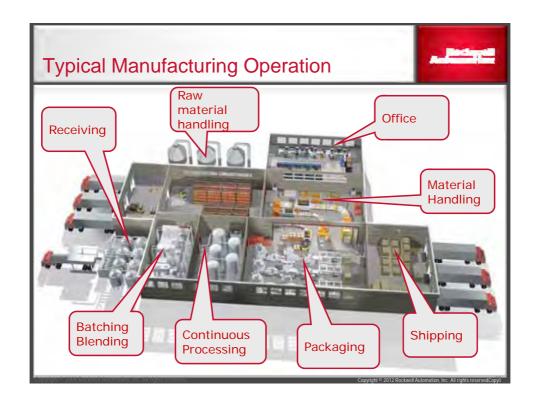


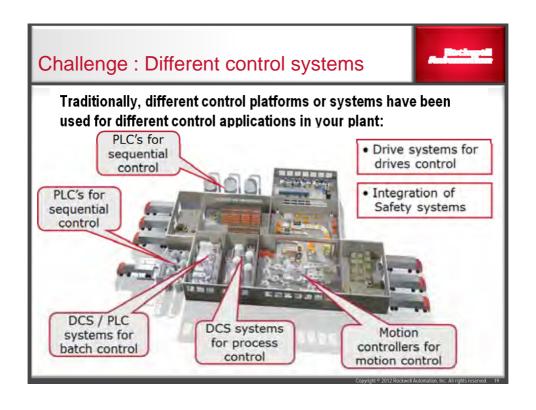


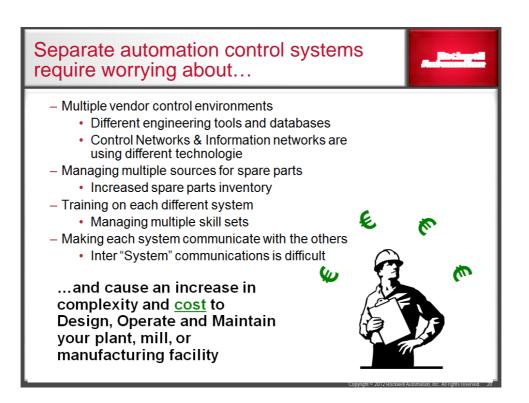


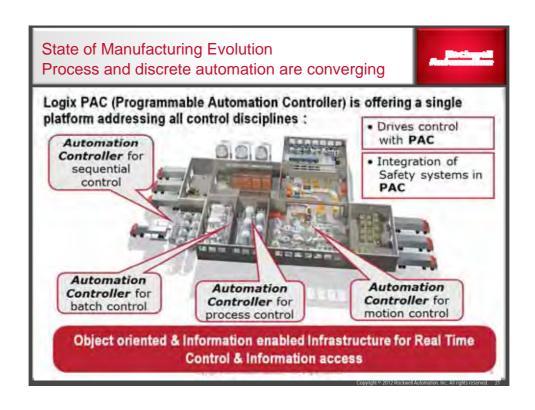


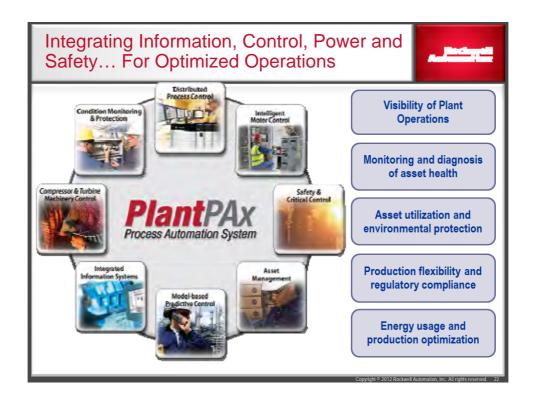


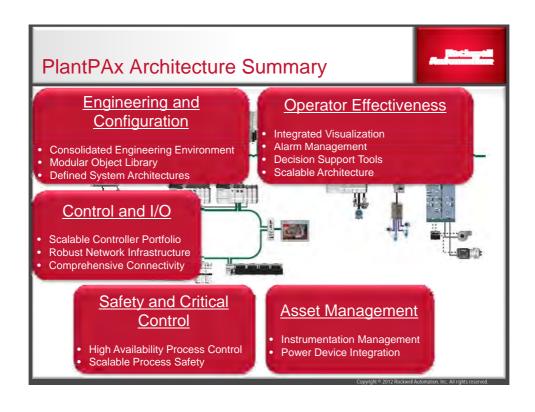


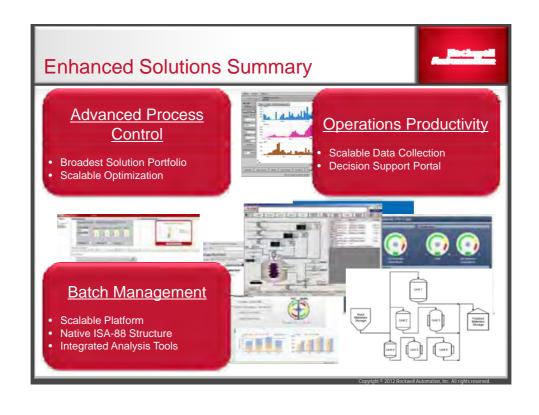












Skid and Process Equipment Solutions



Partnerships with Process Skid Builders

...Drive consistency in automation designs despite the shift towards modular-design plants

Reduce Integration Cost and Risk

... Ensure OEM automation scope is easily integrated into PlantPAx according to best practices and proven methodologies

Overall System Performance

...Proven, tested architectures for not only DCS applications, but skid-sized solutions as well to ensure total system performance, no excuses



Engaging skid builders to help end-users respond to changing business demands

Process Controller



ARC: Programmable Automation Controllers (PACs) are multi-disciplined controllers capable of providing real-time logic, motion, and process control, in addition to HMI and other functions, on a single platform

DCS Controllers

- **PlantPAX Process Automation Controller**
- Traditional PLC

- Global Access to data
- High speed logic
- · Deterministic control **Extensive Process**

Standalone operation

Library

Saleable architecture

Interfaces to many

Redundancy

devices



- o Common programming
- o Source stored in controller, tag based
- o Tag based, object oriented approach @ High functionality I/O: RIUP, Diagnostics, Isolation
- Wide range of I/O platforms: Rack-based, Distributed, Intrinsically Safe

o Beyond Hybrid System - single platform for all control disciplines

