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ABB EP PLM – Move to PTC Cloud

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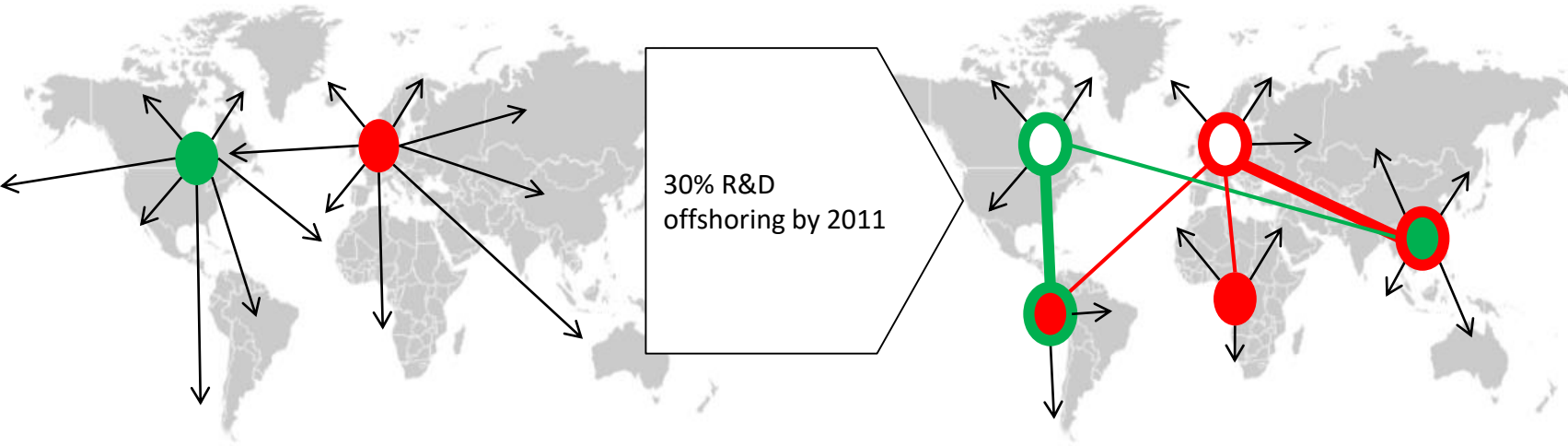
AGENDA

- GPLM - Vision, Historie & Timeline
- EP GPLM – Move to PTC Cloud
- Main Challenges
- Key Success Factors
- Lessons Learned

GPLM - Digital Enterprise for Design Anywhere- Build Anywhere- Sell Anywhere

Past

Future: Global R&D and
production network



Main Areas of benefits for a new ABB EP PLM system

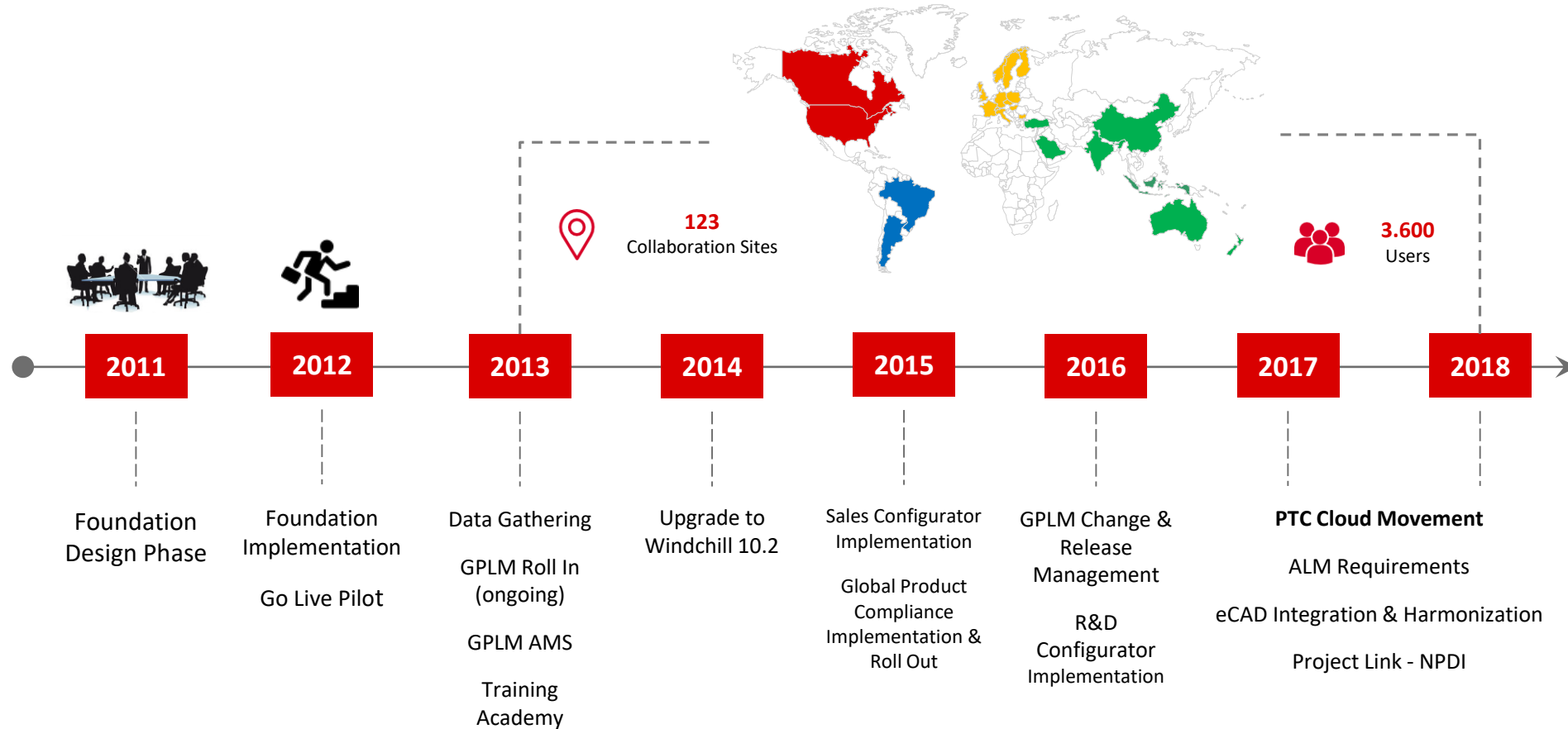
- Optimization of the global production network **to reduce the COGS**
- Improved development collaboration to make better use of the resources and know how available within ABB LP
- more globalized and distributed R&D and production facilities.

Key functionalities of a ABB EP PLM system

- Unified mechanisms to exchange development and product data
- Provide transparency from development to production sites
- Integration to the existing ABB LP infrastructure and systems, esp. ERP, mCAD, eCAD
- Globally scalable infrastructure

EP GPLM

History & Timeline



EP GPLM – Move To PTC Cloud



Situation

- Multiple alignments & investments across multiple organizations
- High Maintenance & Licenses Cost
- Limited Scalability



Solution

- Reduce maintenance costs
- Increase license flexibility
- Improve long term cost planning
- Increase Service Quality

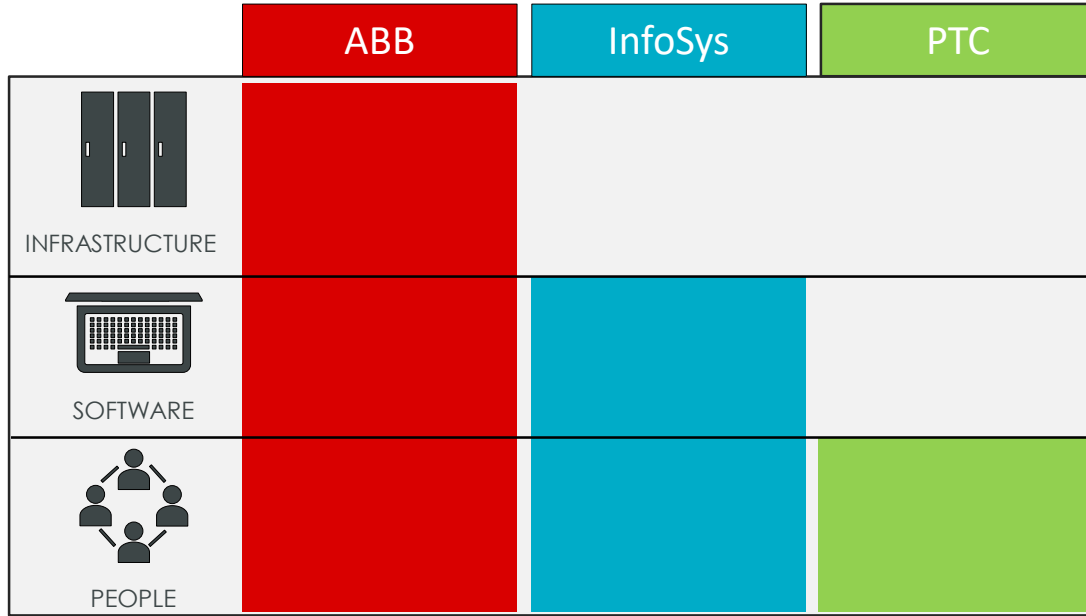


Result

- System Performance Improvement
- Cost Reduction
- Optimization & Standardization of Application Maintenance Support Processes

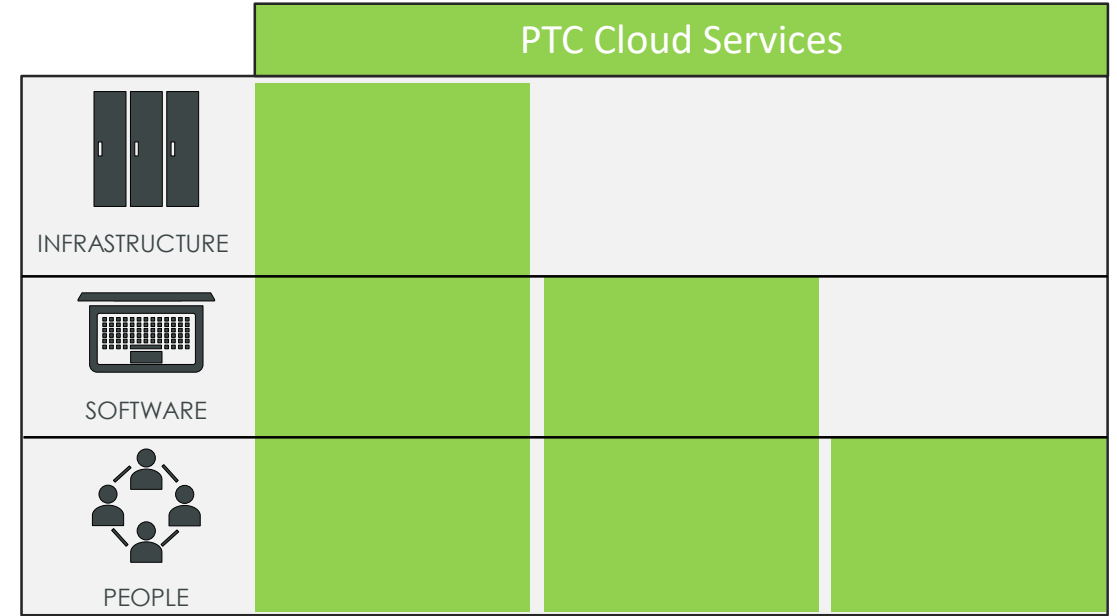
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Change of Responsibilities



Before Moving to PTC Cloud

Multiple alignments & investments across multiple organizations

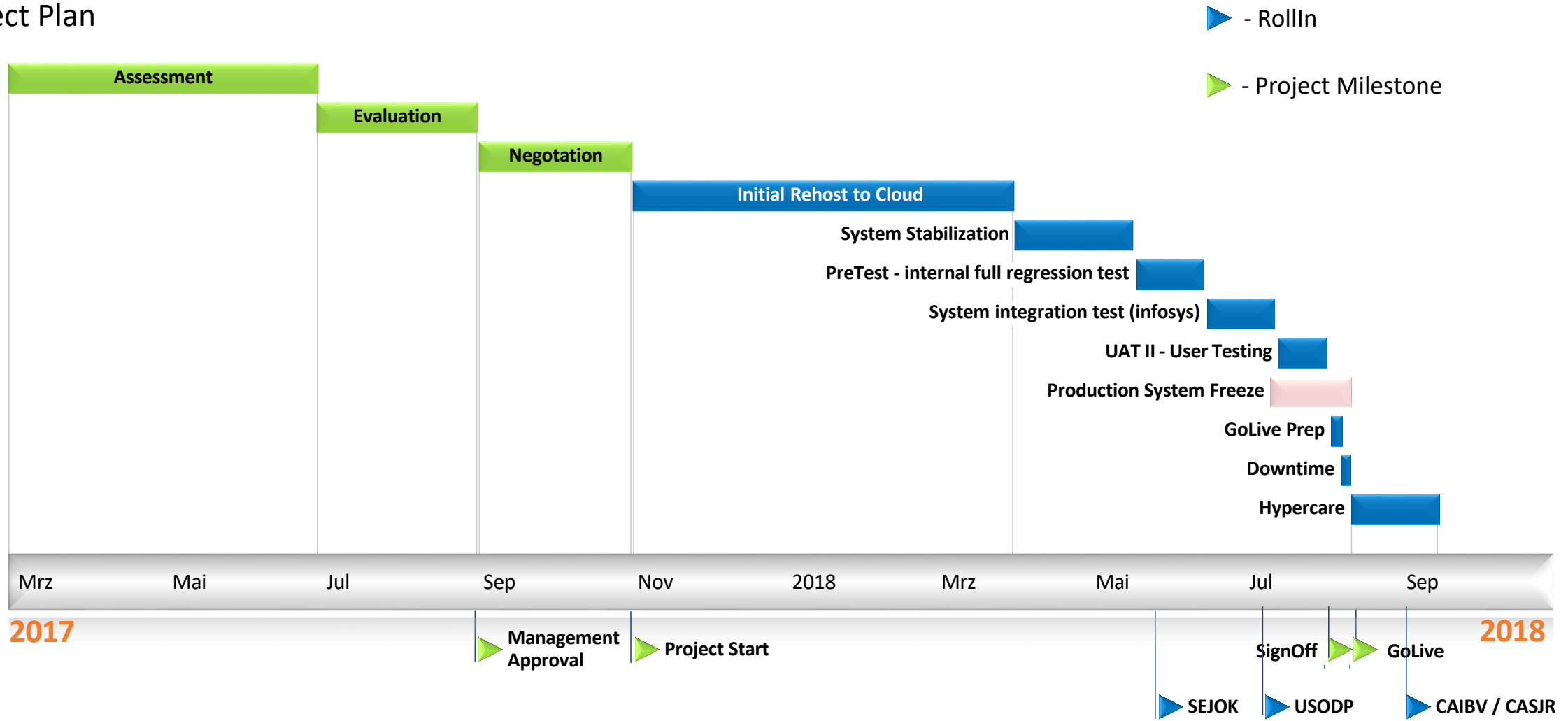


Target by Moving to PTC Cloud

ONE TEAM
ONE NUMBER TO CALL

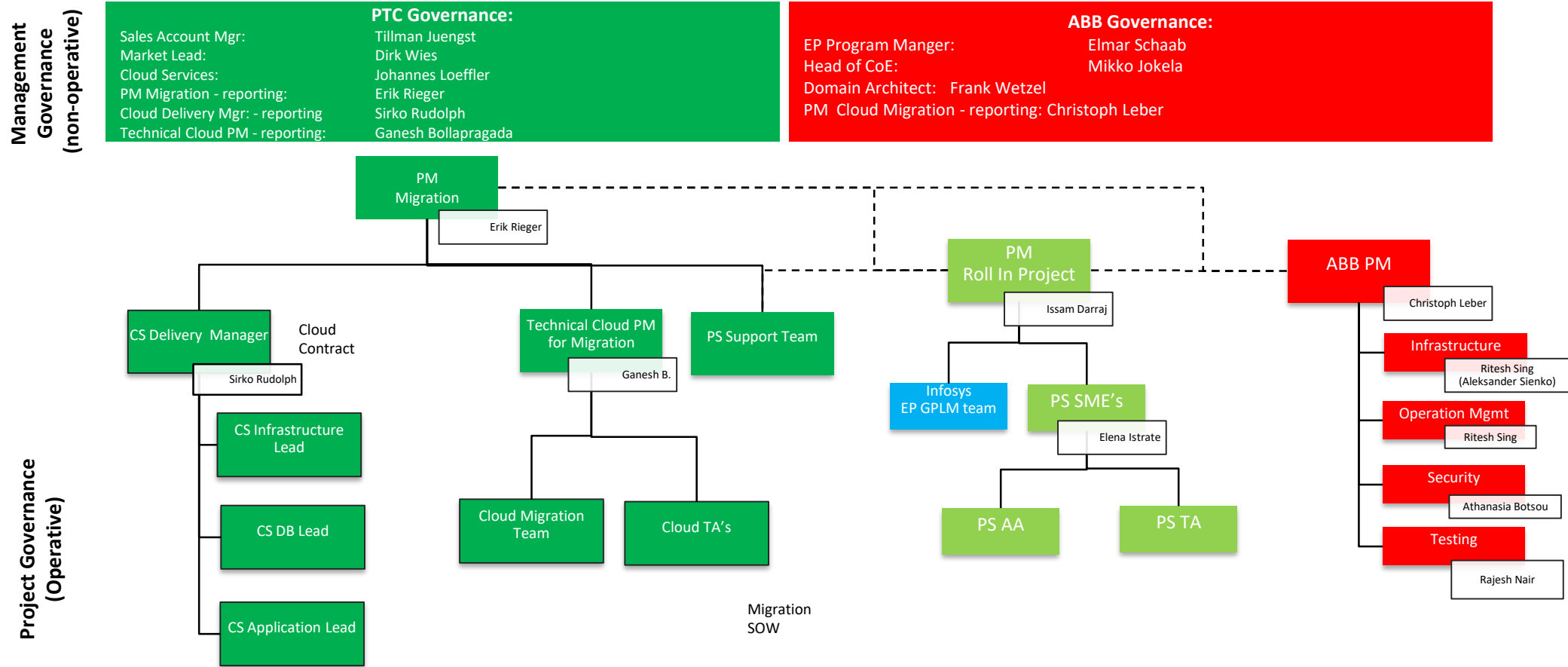
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Project Plan



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Project Organization



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Pain Points

Global Test Management

23 Sites, 40 Users, 4 Test Phases involving 10 Interfaces. 500+ test executed by Geographically dispersed teams across the world.



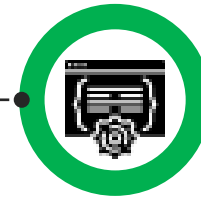
Complex Responsibilities

Many stakeholders around the globe (Business, Data Center, Infosys, British Telecom, IBM, HP Biztalk, ABB Network team) with very demanding security requirements.

Main Challenges

Ongoing PLM Onboarding

On-going expansion of PTC PLM solutions to further locations in parallel to the Cloud migration project.



System & Performance

Complexity of the historically grown solution, with around 200+ customizations, 15TB data and 20+ ERP integrations.

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Key Success Factors



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Lessons Learned



ADOPTION

early adoption of service operation processes in the cloud context



PLANNING

Optimized coordination to manage the account complexity e.g. manage parallel Roll-Outs



PTC CLOUD

Early engagement of the cloud service delivery team to secure ramp-up, e.g. for customizations and integrations



ACCOUNTABILITY

Early involvement of all stakeholders and clear definition of accountability for major tasks

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