Innovating the digital portfolio – Siemens’ digital enterprise

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Tony Hemmelgarn, President and CEO of Siemens PLM Software
Notes and forward-looking statements

This document contains statements related to our future business and financial performance and future events or developments involving Siemens that may constitute forward-looking statements. These statements may be identified by words such as “expect,” “look forward to,” “anticipate” “intend,” “plan,” “believe,” “seek,” “estimate,” “will,” “project” or words of similar meaning. We may also make forward-looking statements in other reports, in presentations, in material delivered to shareholders and in press releases. In addition, our representatives may from time to time make oral forward-looking statements. Such statements are based on the current expectations and certain assumptions of Siemens’ management, of which many are beyond Siemens’ control. These are subject to a number of risks, uncertainties and factors, including, but not limited to those described in disclosures, in particular in the chapter Risks in the Annual Report. Should one or more of these risks or uncertainties materialize, or should underlying expectations not occur or assumptions prove incorrect, actual results, performance or achievements of Siemens may (negatively or positively) vary materially from those described explicitly or implicitly in the relevant forward-looking statement. Siemens neither intends, nor assumes any obligation, to update or revise these forward-looking statements in light of developments which differ from those anticipated.

This document includes – in IFRS not clearly defined – supplemental financial measures that are or may be non-GAAP financial measures. These supplemental financial measures should not be viewed in isolation or as alternatives to measures of Siemens’ net assets and financial positions or results of operations as presented in accordance with IFRS in its Consolidated Financial Statements. Other companies that report or describe similarly titled financial measures may calculate them differently.

Due to rounding, numbers presented throughout this and other documents may not add up precisely to the totals provided and percentages may not precisely reflect the absolute figures.
Digital twins are a lot like real twins…
No twins are perfectly identical...
But some are closer than others
Digital Twins are transformative only if they encompass product, production and performance
Go big.
Newport News Shipbuilding steers a new course for digital transformation

- 300 million components designed
- Digital work instructions delivered
- Optimizing operations via the IoT
Holistic approach to solve customer needs

- Design and Engineering
- Automation and Operation
- Maintenance and Utilization

Siemens Software

Siemens Digital Services

MindSphere

The cloud-based, open IoT operating system

Platform as a Service

Digitally enhanced Electrification and Automation

Holistic IT Security Concept
Major advancements across the innovation lifecycle

Design & Engineering
- Mentor Graphics acquisition

Automation and Operation
- Additive Manufacturing solutions

Maintenance & Utilization
- MindSphere IoT Operating System
Mentor Graphics – Enriching the Digital Twin of smart, connected products

Mentor Graphics makes Siemens the only digital industrial player to offer mechanical, electrical and software capabilities on a single platform.

“This merger deal is unprecedented in the design, engineering and product life-cycle management software markets”

Gartner
Siemens Additive Solutions – Reshaping production, rethinking business

Change what you make… and how you make it

Design | Simulate | Print paradigm

Our solution industrializes the entire process
MindSphere –
The cloud-based, open operating system for the Internet of Things

- Konecranes links full digital twin and MindSphere
- Condition monitoring and predictive maintenance for the factory
- Feeding back operational data to product design
- Closing the lifecycle data loop
With a comprehensive digital twin…

Companies can go big and get disruptive

We’re investing aggressively in digitalization