



GDI Workshop Industrie 4.0, Bonn, May 28th, 2018

Industrie 4.0 from both a user's and a vendor's perspective

Dr. Gerhard Volkwein, Director Digital Enterprise Architecture

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Digitalization changes everything

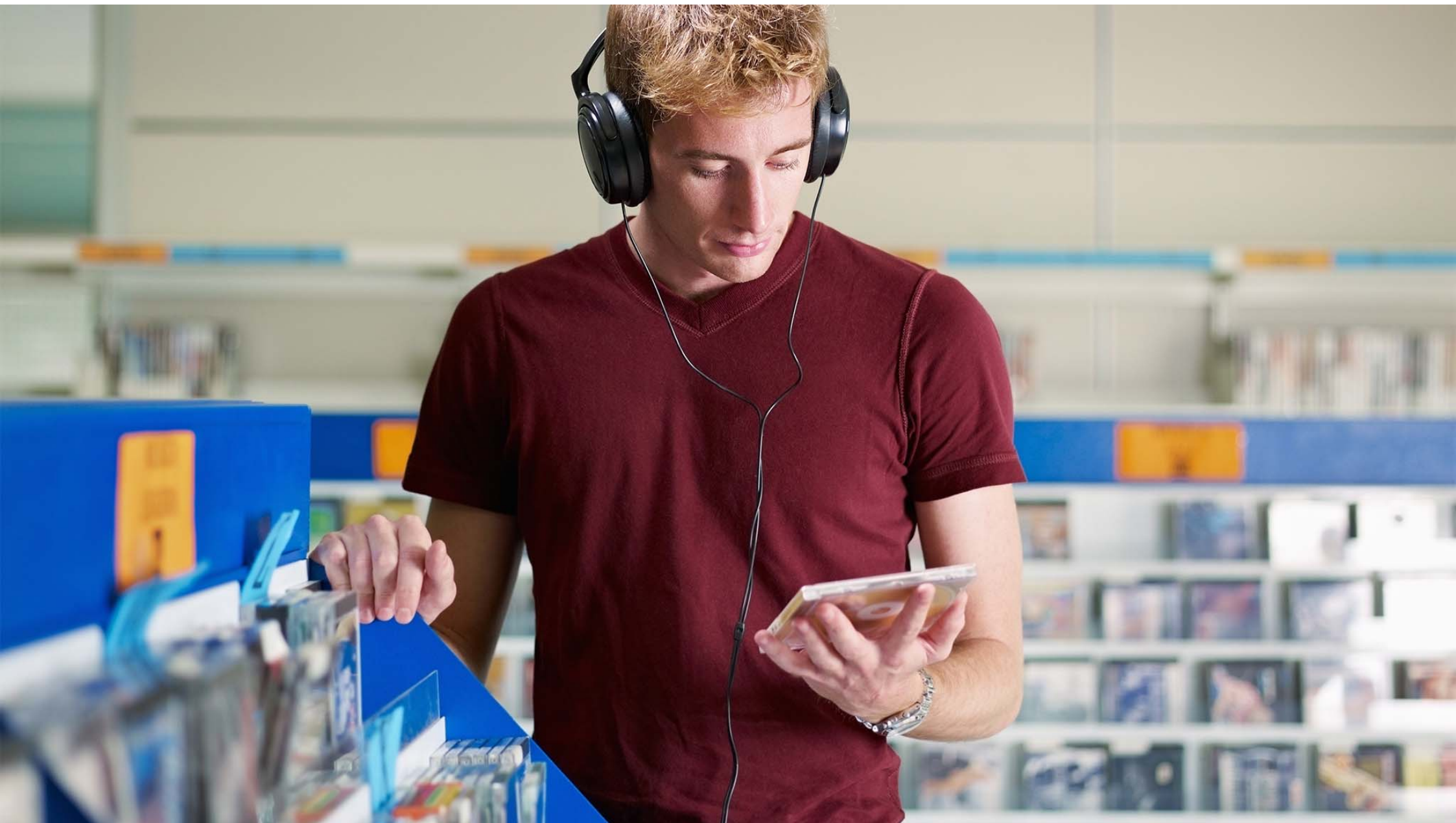
The next trillion dollars will be earned with data – for our customers and for our industries.

Michael Dell, founder of Dell Inc.

Digital is the main reason just over half of the companies on the Fortune 500 have disappeared since the year 2000.

Pierre Nanterme, CEO Accenture





Electrification, automation, digitalization Siemens' Divisional setup

SIEMENS
Ingenuity for life

Digital Factory



Energy Management



Wind Power



Power and Gas, Power Generation Services



Process Industries and Drives



Mobility



Building Technologies

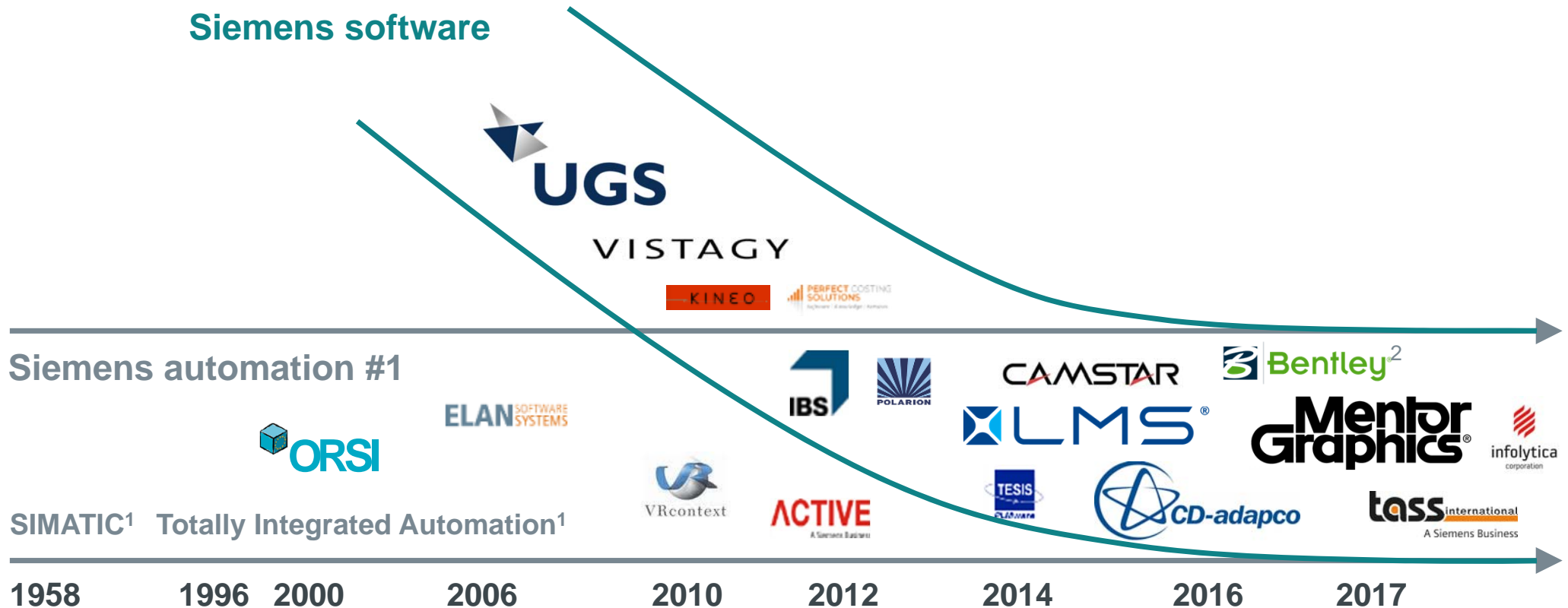


Healthineers



Combining the real world with the virtual world Proven through the systematic expansion of our portfolio

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1 In-house developments/digital upgrades 2 Cooperation

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Iggxwu| #htx1hp hqw

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 Qhz #exvqhw#p rgho



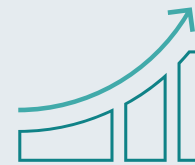
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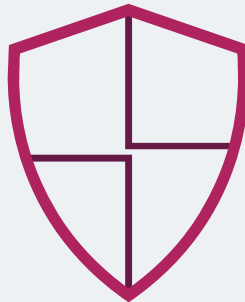
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Siemens' Amberg Electronics Plant (EWA)

Holistic approach generates highest performance



Speed

~1 SIMATIC product per second
>1200 product variants in Teamcenter



Flexibility

24 hours from order to arrival at customer



Efficiency

10x increase of productivity since start of production in 1990 with consistent amount of employees



Quality

~11 dpm means near-perfect quality (99,9989%) every time

Many thanks for your attention



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Answers on frequently asked questions about the Digital Enterprise
www.siemens.com/digital-enterprise