

The background of the slide is a blurred photograph of a busy exhibition hall with people walking around. Overlaid on the left side is a graphic of a wireframe globe with blue squares and lines, representing digital connectivity. The Siemens logo is in the top left corner.

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On the way to Industrie 4.0 Driving the Digital Enterprise

Anton S. Huber | CEO Digital Factory Division

The Internet is revolutionizing the business world and creates major challenges for manufacturing companies



Industrie 4.0

Defining the way forward in industry in the internet age

An initiative of the German industry sponsored by the German Government

Cornerstones of the initiative Industrie 4.0

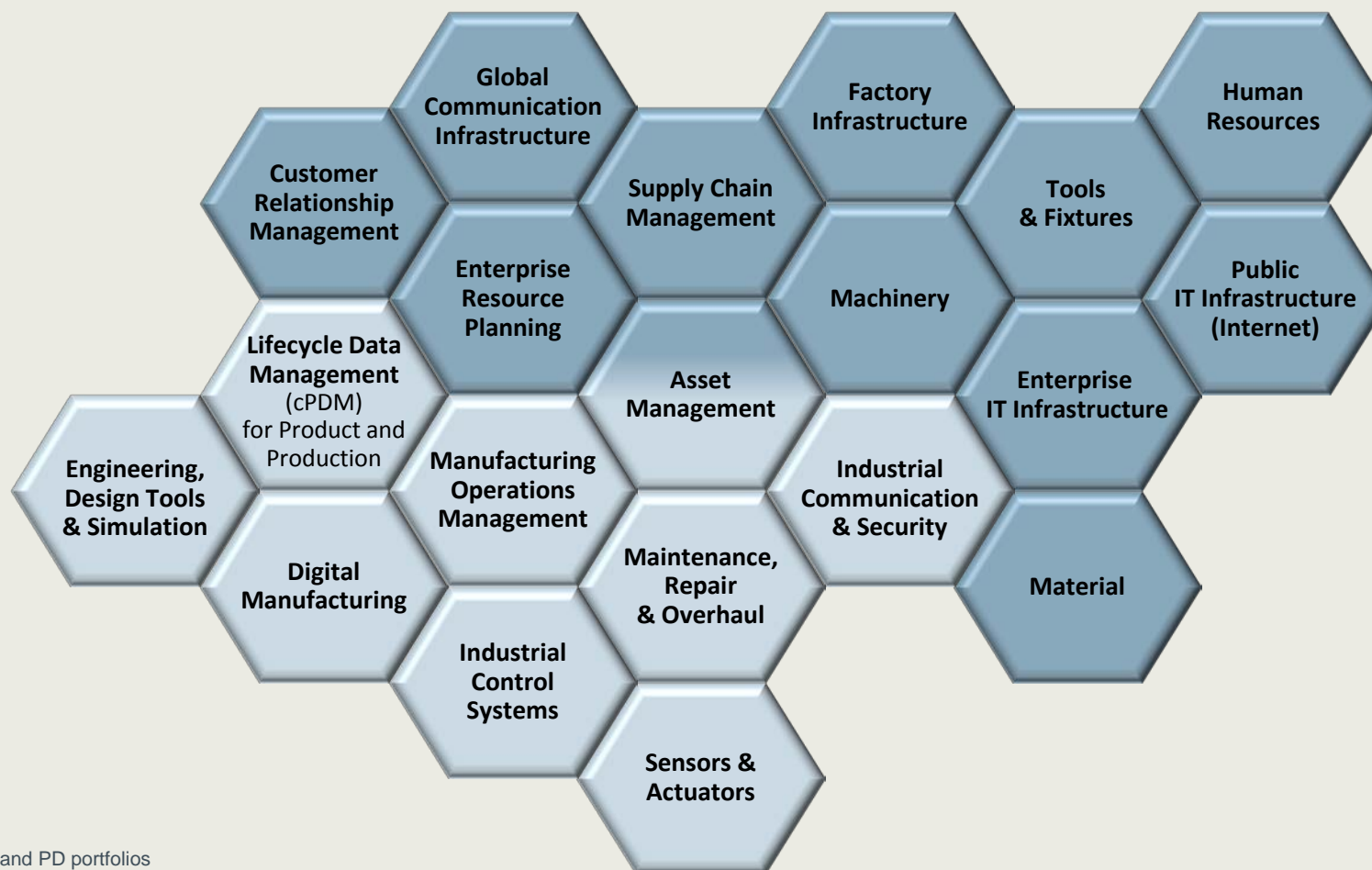


- Horizontal integration of the value-add networks
- Seamless integration of the engineering of the entire value-add chain
- Vertical integration and networked production systems

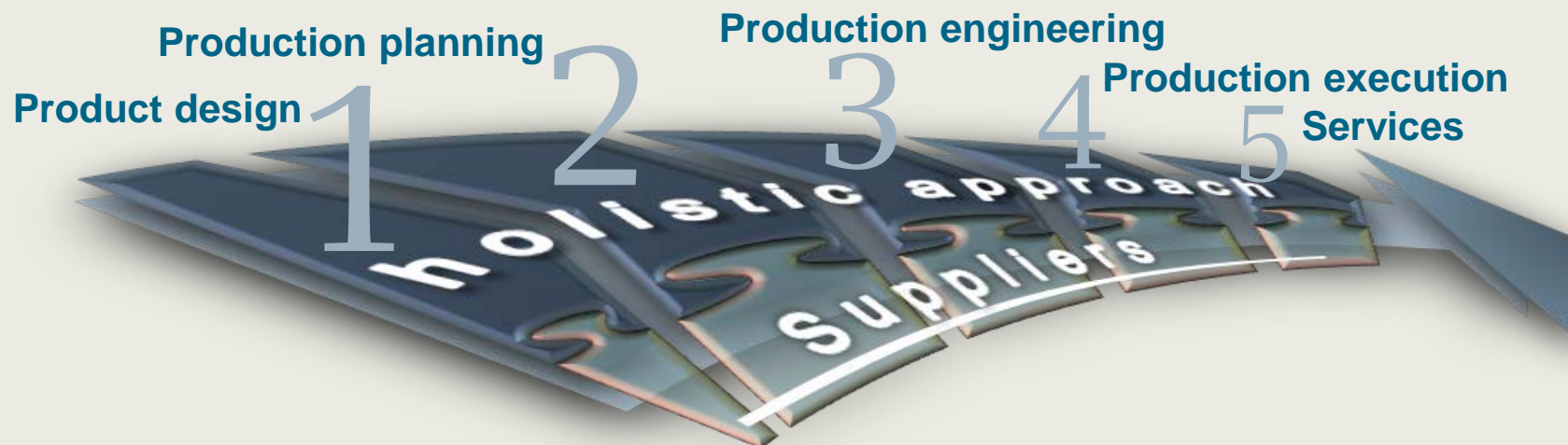
Source: acatech, April 2013 "Umsetzungsempfehlung für das Zukunftsprojekt Industrie 4.0"

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Industrie 4.0 affects all aspects of the industrial value chain – Siemens focuses on selected domains



Only a holistic automation approach will provide a solution to cover all Industrie 4.0 requirements



Key customer requirements (Industrie 4.0)

Reducing
the time
to market



- Shorter innovation cycles
- More complex products

Enhancing
flexibility



- Individualized mass production
- Volatile markets

Increasing
efficiency



- Energy and resource efficiency as key competitive factors

“Digital Enterprise” Software Suite – The Siemens answer to Industrie 4.0 requirements



One single data backbone – Teamcenter

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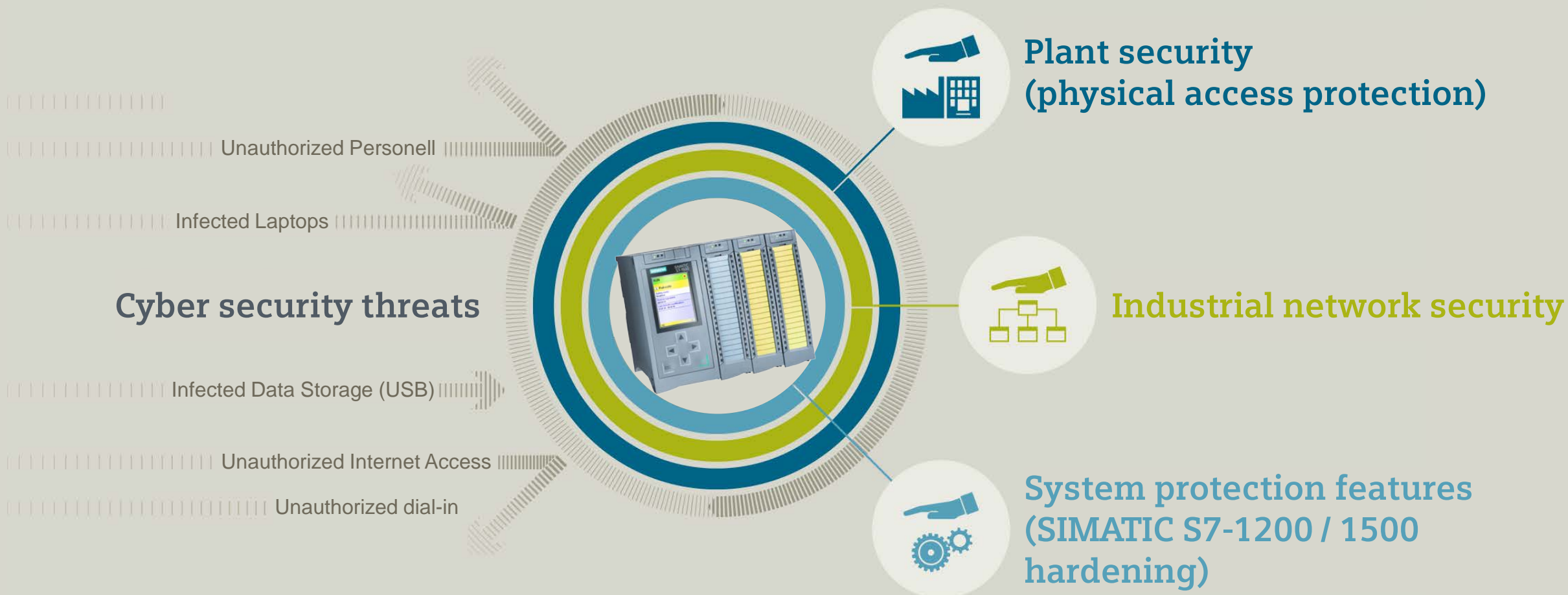


Industrial communication – SCALANCE

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Integrated industrial cyber security protection



Siemens at Hannover Messe 2015

