

“Shift left” to satisfy customers Risk management & FMEA seminar

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Global megatrends shaping the connected world

ASML

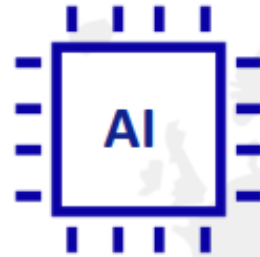
Slide 4
29 Sept. 2021



Cloud



**5G &
infrastructure**



**Artificial
intelligence**



**Intelligent
edge**



**Gaming, simulation
& visualization**

The electronics industry just keeps going

There are an estimated **40 billion connected devices** in use today



Roughly **5 for every person** on the planet (7.8 billion people)



In ten years, this number is **expected to grow** to



350 billion

That's **41 per person** (assuming population growth to 8.5 billion)

...generating **huge amounts of data:**

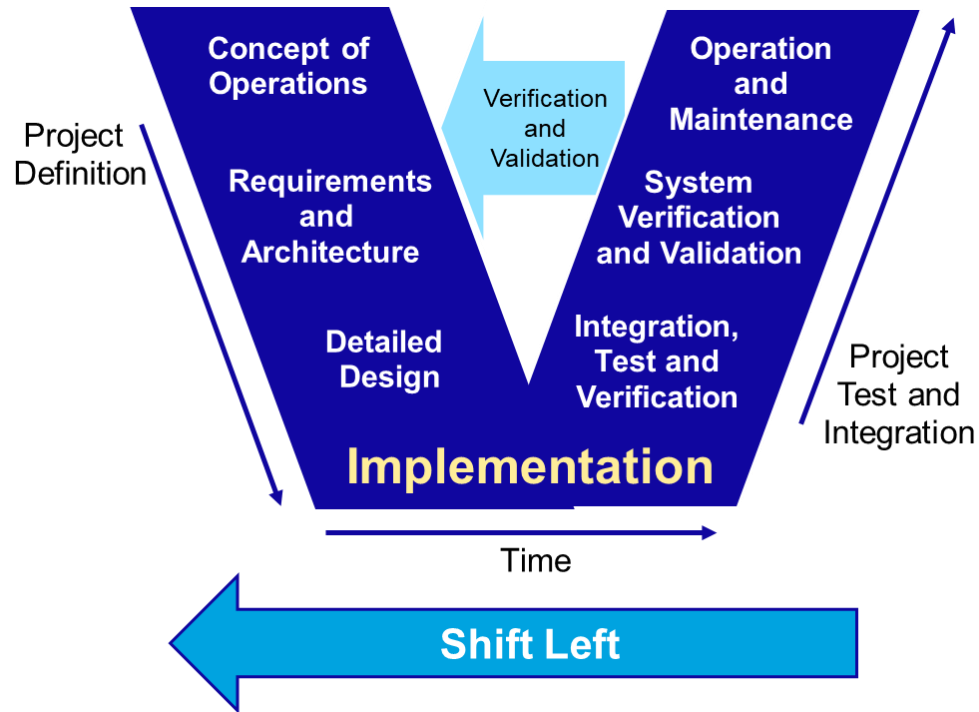


175 zettabytes

(that's 175,000,000,000,000,000,000,000 bytes) **by 2025**

“Shift left” to satisfy customer

Increasing complexity of technology and value chains requires Designing-in Quality



Excellence in current industry → a continuous learning process

Close collaboration across the value chain needed with suppliers and customers



Prevent risks on product & execution and minimize impact on Customer



Embed controls at your company and its Supply Chain and guarantee adherence to policies, processes and procedures



Learn from and prevent reoccurrence of Customer issues and drive structural Improvement in your products and processes

ASML

