Virtual machine design, development and commissioning is critical to addressing complexity.

**Complexity is the new norm in machine design.**

From 1970-2010, the amount of software content in machines increased 45%.

(Source: VDMA)

By 2020, around 80% of manufacturers expect to have multi-country operations whereas currently just over half do. (Source: CECIMO Magazine)

The virtual machine enables advanced, smart, machine design and engineering.

• Improve speed and efficiency of the design process chain
• Ensure reproducibility and efficiency of the manufacturing processes
• More efficient manufacturing processes
• Meet regulatory needs with advanced mechatronic design

**Faster time-to-market**

- Industry leaders vs. average performers:
  - 34% more likely to use PLM than average performers*

**Virtual machine design, development and commissioning is critical to addressing complexity.**

PLM helps companies support and orchestrate complex design processes, and the large numbers of designs generated, to build complex products.

(Source: VDMA – Machine Engineering in Manufacturing)

By 2020, 80% of manufacturers will have multi-country operations whereas currently just over half do. (Source: CECIMO Magazine)

The world’s top machinery manufacturers choose Siemens PLM Software because of comprehensive expertise, broad leadership, and unmatched momentum in the global industrial machinery and equipment industry.