Technical computing

Technical computing can help commercial industries such as manufacturing, oil and gas and the life sciences with strategic tasks including product design and analytics, but many companies are not tapping its potential.

Over

of members of the National Center for Manufacturing Sciences (NCMS) believe increased adoption of advanced computing would lead to competitive advantages.1







Technical computing achievments

The Boeing Company aims to use simulations to redesign the vertical tail of a commercial jet, potentially saving

million in fuel costs annually.



Using IBM technical computing, Vestas Wind Systems reduced their wind turbine placement analysis from weeks to less than

ne hour.

Red Bull Racing used IBM technical computing software to simulate new car designs and achieved a

1% increase

in performance and throughput, coming up with a design that reduces their cars' drag on the track.



