Country Spotlights
How much can the Industrial Internet of Things Fast-Track Your Economic Growth?

High performance. Delivered.
'Accenture Institute for High Performance' measured the potential direct and indirect impact of Industrial Internet of Things (IIoT) investments on gross domestic product (GDP) growth. We then analyzed each country's ability to absorb IIoT benefits. By combining the findings, we were able to project how the IIoT can impact the potential GDP growth by 2030 for 20 different countries.
The 20 countries in our sample

We modelled the IIoT’s potential impact on the GDPs of 20 developed and emerging economies that generate over 3/4 of the world’s economic output.
What we found

Cumulative GDP Impact of IIoT

In the 20 countries we analyzed, current policy and investment trends in IIoT products and technologies point to cumulative real GDP contributions of US$10.6 trillion by 2030.

With greater investment and the enactment of key measures to absorb IIoT technologies, that figure could rise to US$14.2 trillion.
Australia
Cumulative GDP Impact of IIoT

The IIoT is projected to add US$136 billion to Australia’s GDP in the next 15 years under current conditions. However, by taking additional measures, such as opening up the economy to IIoT trade, this figure could grow to US$158 billion.

Brazil
Cumulative GDP Impact of IIoT

The IIoT is projected to add US$39 billion to Brazil’s GDP in the next 15 years under current conditions. However, by taking additional measures, such as increasing the supply of IIoT skills within the workforce, this figure could grow to US$48 billion.
Canada

Cumulative GDP Impact of IIoT

The IIoT is projected to add US$277 billion to Canada’s GDP in the next 15 years under current conditions.

However, by taking additional measures, such as encouraging the uptake of IIoT goods and services among consumers, this figure could grow to US$326 billion.

Source: Accenture and Frontier Economics

China

Cumulative GDP Impact of IIoT

The IIoT is projected to add US$497 billion to China’s GDP in the next 15 years under current conditions.

However, by taking additional measures, such as improving its research ecosystem, this figure could grow to US$1,824 billion.

Source: Accenture and Frontier Economics
**Denmark**

Cumulative GDP Impact of IIoT

The IIoT is projected to add US$56 billion to Denmark’s GDP in the next 15 years under current conditions.

However, by taking additional measures, such as increasing government R&D in IIoT, this figure could grow to US$88 billion.

**Finland**

Cumulative GDP Impact of IIoT

The IIoT is projected to add US$68 billion to Finland’s GDP in the next 15 years under current conditions.

However, by taking additional measures, such as encouraging the spread of knowledge in IIoT throughout society, this figure could grow to US$79 billion.
France
Cumulative GDP Impact of IIoT

The IIoT is projected to add US$351 billion to France’s GDP in the next 15 years under current conditions.

However, by taking additional measures, such as improving IIoT security for consumers and businesses, this figure could grow to US$626 billion.

Germany
Cumulative GDP Impact of IIoT

The IIoT is projected to add US$593 billion to Germany’s GDP in the next 15 years under current conditions.

However, with additional measures, such as the government encouraging consumer trust in IIoT offerings, this figure could grow to US$700 billion.
Netherlands
Cumulative GDP Impact of IIoT

The IIoT is projected to add US$167 billion to the Netherlands’ GDP in the next 15 years under current conditions. However, by taking additional measures, such as increasing the supply of IIoT skills within the workforce, this figure could grow to US$252 billion.

India
Cumulative GDP Impact of IIoT

The IIoT is projected to add US$37 billion to India’s GDP in the next 15 years under current conditions. However, by taking additional measures, such as improving the telecommunications infrastructure, this figure could grow to US$47 billion.
Italy
Cumulative GDP Impact of IIoT

The IIoT is projected to add US$157 billion to Italy’s GDP in the next 15 years under current conditions. However, by taking additional measures, such as encouraging more investment in R&D, this figure could grow to US$197 billion.

Source: Accenture and Frontier Economics

Japan
Cumulative GDP Impact of IIoT

The IIoT is projected to add US$960 billion to Japan’s GDP in the next 15 years under current conditions. However, by taking additional measures, such as encouraging consumer consumption of IIoT offerings, this figure could grow to US$1,127 billion.

Source: Accenture and Frontier Economics
Norway
Cumulative GDP Impact of IIoT

The IIoT is projected to add US$159 billion to Norway’s GDP in the next 15 years under current conditions. However, by taking additional measures, such as encouraging entrepreneurial activity in IIoT, this figure could grow to US$183 billion.

Source: Accenture and Frontier Economics

Russia
Cumulative GDP Impact of IIoT

The IIoT is projected to add US$15 billion to Russia’s GDP in the next 15 years under current conditions. However, by taking additional measures, such as companies incorporating IIoT technology into their working practices, this figure could grow to US$20 billion.

Source: Accenture and Frontier Economics
South Korea
Cumulative GDP Impact of IIoT

The IIoT is projected to add US$247 billion to South Korea’s GDP in the next 15 years under current conditions.

However, by taking additional measures, such as easing access to capital for IIoT projects, this figure could grow to US$295 billion.

Spain
Cumulative GDP Impact of IIoT

The IIoT is projected to add US$108 billion to Spain’s GDP in the next 15 years under current conditions.

However, by taking additional measures, such as encouraging collaboration between universities and industries around IIoT innovation, this figure could grow to US$137 billion.
Sweden
Cumulative GDP Impact of IIoT

The IIoT is projected to add US$183 billion to Sweden’s GDP in the next 15 years under current conditions.
However, by taking additional measures, such as encouraging society’s willingness to adopt IIoT products, this figure could grow to US$213 billion.

Switzerland
Cumulative GDP Impact of IIoT

The IIoT is projected to add US$157 billion to Switzerland’s GDP in the next 15 years under current conditions.
However, by taking additional measures, such as increasing the number of researchers in IIoT, this figure could grow to US$182 billion.

Source: Accenture and Frontier Economics
United Kingdom
Cumulative GDP Impact of IIoT

The IIoT is projected to add US$303 billion to the United Kingdom’s GDP in the next 15 years under current conditions.

However, by taking additional measures, such as companies hiring more people with skills related to the IIoT, this figure could grow to US$531 billion.

United States
Cumulative GDP Impact of IIoT

The IIoT is projected to add US$6,132 billion to the United States’ GDP in the next 15 years under current conditions.

However, by taking additional measures, such as improving the country’s broadband infrastructure, this figure could grow to US$7,146 billion.
Where next?
To find out more:

Read the full report

The Growth Game-Changer: How the Industrial Internet of Things can drive progress and prosperity

Visit the website
www.accenture.com/iiot

Follow the conversation
@AccentureStrat

Learn about the Accenture Institute for High Performance
www.accenture.com/institute
About the Accenture Institute for High Performance

The Accenture Institute for High Performance develops and publishes practical insights into critical management issues and global economic trends. Its worldwide team of researchers connects with Accenture’s consulting, technology and outsourcing leaders to demonstrate how organizations become and remain high performers through original, rigorous research and analysis.

About Accenture

Accenture is a global management consulting, technology services and outsourcing company, with approximately 319,000 people serving clients in more than 120 countries. Combining unparalleled experience, comprehensive capabilities across all industries and business functions, and extensive research on the world’s most successful companies, Accenture collaborates with clients to help them become high-performance businesses and governments. The company generated net revenues of US$30.0 billion for the fiscal year ended Aug. 31, 2014. Its home page is www.accenture.com.