

Evolving Canadian Manufacturing

with **TeraGo**

"If you build it, they will come" is no longer a viable business strategy. Industry 4.0, today has the potential to transform manufacturing into a more proactive and predictive posture, significantly optimizing operations, improving competitiveness and increasing profitability.

Technologies such as Cloud, Artificial Intelligence and the Industrial Internet of Things are crucial to enabling Industry 4.0. However, without the right partner, more than 60% of Canadian manufacturers are unable to take advantage of this transformative evolution.

According to the government of Canada, application of the Industrial Internet of Things alone represents more than US\$3.7 Trillion to the global economy. Canadian manufacturers must embrace this evolution in order to remain relevant in an increasingly global economy.

Industry Trends



INDUSTRY 4.0 SHOWS **10-25%↑** BOOST IN PRODUCTIVITY
• BY OPTIMIZING OPERATIONS
• LOWERING COSTS BY 10-40%



UP TO **50%** — REDUCED —
TIME TO MARKET
— COSTS —

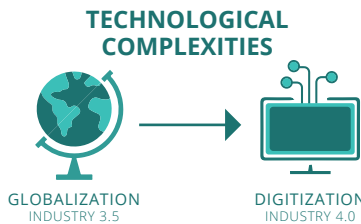


AUTOMATION IN MANUFACTURING
IOT • AI • CLOUD
UP TO \$3.7 TRILLION IN ECONOMIC VALUE BY 2025

Industry Challenges



LACK OF QUALIFIED RESOURCES
• CYBER SECURITY SPECIALISTS
• CLOUD ENGINEERS



NO CLEAR RETURN ON INVESTMENT
• INABILITY TO GAUGE INTANGIBLE BENEFITS
• LACK OF CLARITY REGARDING TOTAL COST OF OWNERSHIP

Impact on Canadian Industry

FOREIGN DIRECT INVESTMENT

↓ **50%** SINCE 2008

GLOBAL INVESTMENT IN MANUFACTURING

↑ **20%** SINCE 2008

ADOPTING INDUSTRY 4.0

39% ARE EVOLVING
x2 MORE LIKELY → 10% (OR MORE) REVENUE GROWTH
IN THE NEXT 3 YEARS

Icons originally sourced from www.flaticon.com

Report from: Canada's Economic Strategy Tables: Advanced Manufacturing | Government of Canada - Sept 2018

Report from: Industry 4.0: Industry 4.0: The New Industrial Revolution | BDC Study - May 2017

WHY TERAGO

20+
YEARS IN
BUSINESS

3000
CUSTOMERS

5
DATA
CENTRES

TGO
PUBLIC CLOUD &
PRIVATE CLOUD

5G
CANADA'S LARGEST
HOLDER OF MILLIMETRE
WAVE SPECTRUM

NATIONAL
WIRELESS AND FIBRE NETWORK

FOCUSED EXPERTISE

TeraGo specializes in managed hybrid IT. We deliver a reliable and scalable platform, allowing our customers to focus on the applications and activities that are core to their corporate objectives.

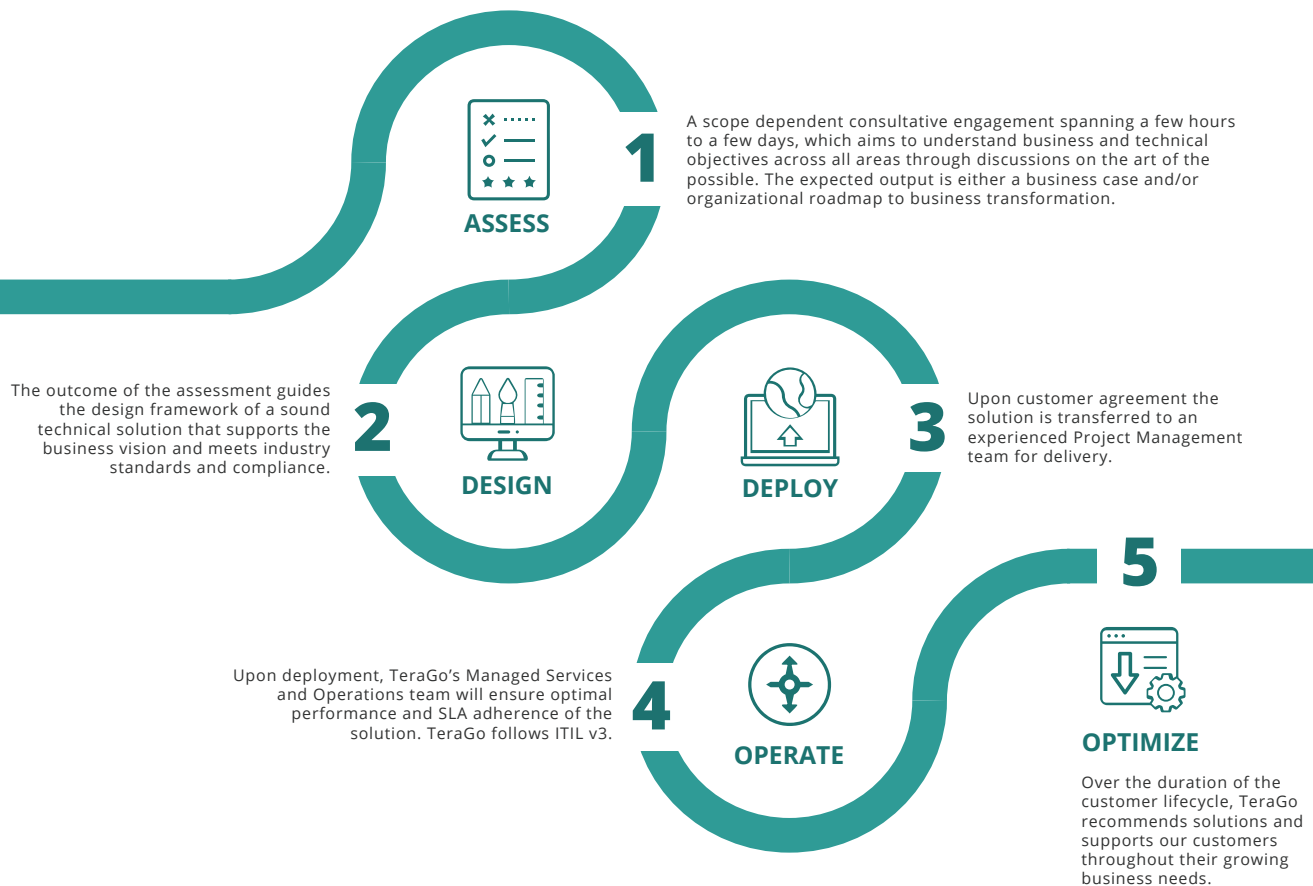
TOTAL COST OF OWNERSHIP

With 20+ years of experience, TeraGo understands the competitive landscape in which our customers operate, and the need to manage costs. Our customers have realized on average a savings of 29%⁽¹⁾ on Data Centre Opex costs.

EXPERT RESOURCES

Follow a proven methodology, and work with certified experts to assess, design, deploy, operate and optimize a tailored platform that supports your needs today and into the future.

TERAGO METHODOLOGY



This content is intended for informational purposes only and should not be re-purposed by third parties without the expressed written consent of TeraGo.

Stay Connected at

TeraGo.ca



Sales: 1.866.837.2465



<https://www.linkedin.com/company/terago-networks>



https://twitter.com/terago_networks