



**SMART MANUFACTURING**  
FOR A CONNECTED WORLD

# DIGITAL ADVISORY AND ASSESSMENT PROGRAM

Brought to you by: **REMAP**  **AAPF**

# Connecting People & Technology

HARDWARE · SOFTWARE · AI  
[www.remapnetwork.org](http://www.remapnetwork.org)



SUPPORTING SMES SINCE 2014

Our strategy focuses on digital transformation, offering Canadian SMEs a proven pathway to navigate the digital economy, fuel growth, and seize new opportunities through our Smart Manufacturing for a Connected World program.

## Vision

Our **Vision** incorporates a strategy for Canadian small-medium enterprises, start-ups and multinationals to navigate the digital economy, accelerate growth and improve the ease of doing business in adoption of Smart Manufacturing for a Connected World.

## Mission

Our **Mission** is to enable and accelerate the commercialization of Canadian innovations – ensuring that Canada's investment in technology translates into economic growth and job creation.

## Goal

Our **Goal** is to advance products, solutions and services that drive economic growth and enhanced competitiveness for Canada's advanced manufacturing sector.

# Fueling Canadian Innovation since 2014

**\$46M**

Public/Private Funding

**\$245M**

Follow-on Investment



**831**

Jobs

**13,296**

Workforce Multiplier  
Jobs

**136**

Students/  
Researchers

**31,000**

Mentoring Hours



**149**

Patents Filed/Issued

**367**

Prototypes

**331**

Publications



**42**

Industrial R&D  
Projects

**116**

Products/Processes/  
Services





**SMART MANUFACTURING**  
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# DIGITAL ADVISORY SERVICES

Increase the potential to revitalize manufacturing and  
drive economic success for years to come.

# Industry 4.0 and the Digitization of Manufacturing

The convergence of digital and physical (Industry 4.0) is pervasive across every sector – driving companies to transform how products are created, supply chains managed, and value chains defined.

## Common barriers to implementing digital solutions:

- Knowing where to prioritize
- Scaling complex manufacturing processes
- Retooling the workforce
- Calculating return on investment
- Knowing where to turn for support
- Supply chain disruptions shifting resources away from innovation
- Skilled labour shortage and remote work
- Credit cost increase and fiscal uncertainty in the broader markets

## The benefits of digitization in manufacturing:

Productivity

Speed & Agility

Resilience

Innovation

Competitiveness

# No SME left behind in their digital transformation

## The REMAP Smart Manufacturing for a Connected World platform provides proven methodologies, resources, mentoring and tools to:

1. **Evaluate companies who seek to improve their processes and the products they build** to drive greater efficiency, quality, delivery and competitiveness
2. **Identify key areas where digital technologies and processes** can help a company take meaningful steps to:
  - Advance their digital transformation
  - Accelerate their digital maturity
  - Support them in achieving key business goals



# Program Goals

1

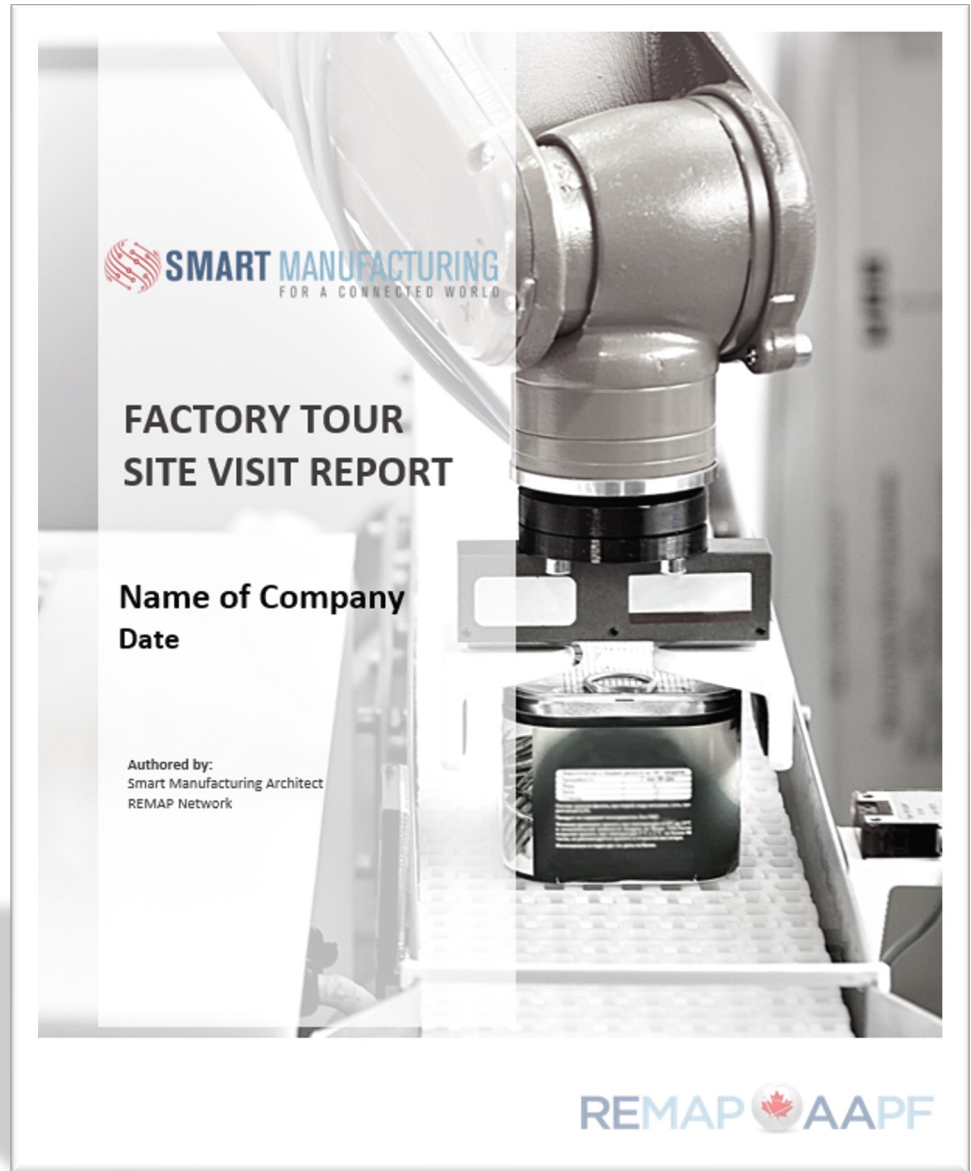
**Accelerate and increase the adoption of digital technologies** in SMEs across Canada to boost their productivity, increase economic growth and new business opportunities.

2

**Improve SME's ability to take the required steps to digitize their operations** and processes by performing a gap analysis of the manufacturing process and/or product design; create a digital roadmap and receive interactive site visit summary report.

3

**Advance SMEs from any sector** in Ontario, with 1-499 employees, where manufacturing is core to the business, benefiting those with a growth and innovation mindset.



# Our three step approach

**We will help you to:**

## ASSESS

We identify areas where digital technologies and processes can add significant value to current manufacturing processes, including:

- Automation,
- Artificial Intelligence,
- Cloud computing

## PLAN

We develop a plan and create a site visit report that outlines the current technical maturity and an ideal future state, outlining the next steps for digital adoption.

## IMPLEMENT

We outline recommendations on which digital technologies offer the best path to implementation and the fastest ROI – enabling prioritization of efforts and optimization of resources.



**SMART MANUFACTURING**  
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The Smart Manufacturing for a Connected World program enables Canadian SMEs to understand digital manufacturing and what it means for their organization.

Provides access to a proprietary online portal with metrics, common language and a basic framework that measures an SME's maturity for industry 4.0.

The program fosters a strong, resilient base of SMEs that leverage the power of digital transformation not only to enhance their manufacturing processes but also to create new, high-value products.

# Are you ready for a digital transformation?

The Smart Manufacturing for a Connected World readiness assessment provides the knowledge and basic tools to design a roadmap of both the product and manufacturing process you build.

## What is the Smart Manufacturing Readiness Assessment?

The purpose of the assessment is to create a snapshot of your company's readiness for a digital transformation. Discover Industry 4.0 and what it means for your business by reviewing the product and manufacturing process you build.

### Product Assessment

Identify how your product is positioned for success in the new digital economy.

### Process Assessment

Assess your manufacturing processes and how connected your factory is to its suppliers and customers



Create and manage your product and process assessments



#### Don't have an account?

Create a new one to start your assessment and start your digital transformation.

First Name

Last Name

Email

loretta.renard@remapnetwork.org

Password

Company

Size of Company

Country

Canada

Province/Territory

City

Postal Code

Create Account

# How it works

## Smart Manufacturing for a Connected World Program

### Book Virtual Factory Tour

- Client contacts REMAP for initial consultation
- Client schedules factor tour (**2 week runway required**)
- Direction received on how to host the tour and the ideal business partners to participate in the assessment

### Complete Readiness Assessment

- Client to complete baseline assessment ahead of the factory tour identifying current product and process maturity and desired result in 12-18 months
- Additional support provided as required

***Our clients realize that digitizing manufacturing processes & products can increase competitiveness – but need help planning, prioritizing and implementing transformation.***

### Client Factory Tour

- Client hosts factory tour
- Client engages with REMAP for 1:1 consultation - current status of organization and product(s) they build

### Interactive Site Visit Report

- Validation of the technical level of the organization, gap analysis, identifying potential solutions, next steps

### Deeper Dive

- Report generated to identify available resources, create automation project and/or source strategic partners

### READY

5 Business Days After Initial Referral

### SET

Minimum 3 Days Prior To Factory Tour

### GO

3 Weeks from Initial Referral (schedule permitting)

### SUMMARY REPORT

3 Weeks after Factory Tour

### ENGAGEMENT

6 Weeks from Initial Referral

A woman with blonde hair is shown in profile, looking at a computer monitor. She is wearing a yellow safety vest. The background is a blurred industrial setting with other workers and machinery. A large, semi-transparent blue geometric shape, resembling a stylized 'V' or a large letter, is overlaid on the right side of the image. A red diagonal stripe runs from the top left towards the center. Another red diagonal stripe runs from the bottom left towards the center. The text 'THANK YOU' is written in large, white, sans-serif capital letters on the blue background. Below it, the text 'For more info, contact' is written in a smaller white font, followed by the email address 'info@remapnetwork.org' in a larger white font.

# THANK YOU

For more info, contact  
[info@remapnetwork.org](mailto:info@remapnetwork.org)