



## The World's Leading Manufacturer of Printed, Decorative & Functional Products for the Automotive, Electronics & Industrial Markets.

CCL Design helps embellish your brand by making products more functional, decorative, competitive and sustainable by applying a unique range of capabilities to solve design challenges.



# CCL Industries Overview

4 Divisions



Established  
1951



People  
22,000+



Locations  
>190



Annual Revenues  
CDN \$ 5.2billion (2020)



Corporate Offices  
Toronto – ON, Canada  
Framingham – MA, USA

## North America

- Strongsville, Ohio
- Brunswick, Ohio
- Clinton, South Carolina
- Santa Clara, California
- Guadalajara, Mexico
- Guanajuato, Mexico

## Europe / Middle East

- East Kilbride, Scotland
- Chippenham, England
- Kfar Saba, Israel
- Tatabanya, Hungary
- Milan, Italy
- Solingen, Germany
- Munich, Germany
- Stuttgart, Germany
- Nuremberg, Germany
- Venray, Netherlands

## South America

- São Paulo, Brazil

## Greater China

- Suzhou
- Hai'an
- Chongqing
- Shenzhen
- Guangzhou
- Taipei
- Kunshan
- Chengdu

## ASEAN

- Singapore, Singapore
- Penang, Malaysia
- Johor, Malaysia
- Kuala Lumpur, Malaysia
- Ho Chi Minh City, Vietnam
- Hanoi, Vietnam
- Chennai, India

## CCL Design Overview

5000+



Number of People

32



Manufacturing Locations

4



Design &amp; Technical Centres



# CCL Design Expansion

## A Timeline of Acquisition-Related Growth



## Some of our **Global Customers**



Mercedes-Benz



Cadillac



CHEVROLET



TOYOTA



TESLA



JAGUAR



RENAULT



MASERATI



# Industrial Key Customers

<b>LOEWE.</b>	<b>HÜPPE</b> SHOWER AND SOUL	<b>Whirlpool</b> SENSING THE DIFFERENCE	<b>BOSCH</b> Invented for life	<b>SIEMENS</b>	<b>Honeywell</b>
	<b>VIESSMANN</b> climate of innovation	<b>THULE</b>	<b>Milwaukee</b>	<b>KSS</b> KEY SAFETY SYSTEMS	<b>DIEHL</b>
<b>AEG</b>	<b>KAESER</b>	<b>STIEBEL ELTRON</b>	<b>ABB</b> Power and productivity for a better world™	<b>Miele</b> IMMER BESSER	<b>SICK</b> Sensor Intelligence.
<b>märklin</b>	<b>KÄRCHER</b>	<b>PHILIPS</b>	<b>STIHL®</b>	<b>Autoliv</b>	<b>stryker</b>
<b>Dräger</b>	<b>EXIDE</b>	<b>StanleyBlack&amp;Decker</b>	<b>SEG</b> AUTOMOTIVE	<b>DAIKIN</b>	<b>Johnson Controls</b>

\*Some customers do not allow us to display their logo.

# Electronics Key Customers

\*Some customers do not allow us to display their logo.

# Highly Engineered Design Solutions

Trusted global partner to world's largest brands from design to manufacture

Highly vertically integrated business underpinned by materials science and chemistry

In house coating and materials capabilities enables highly customized products

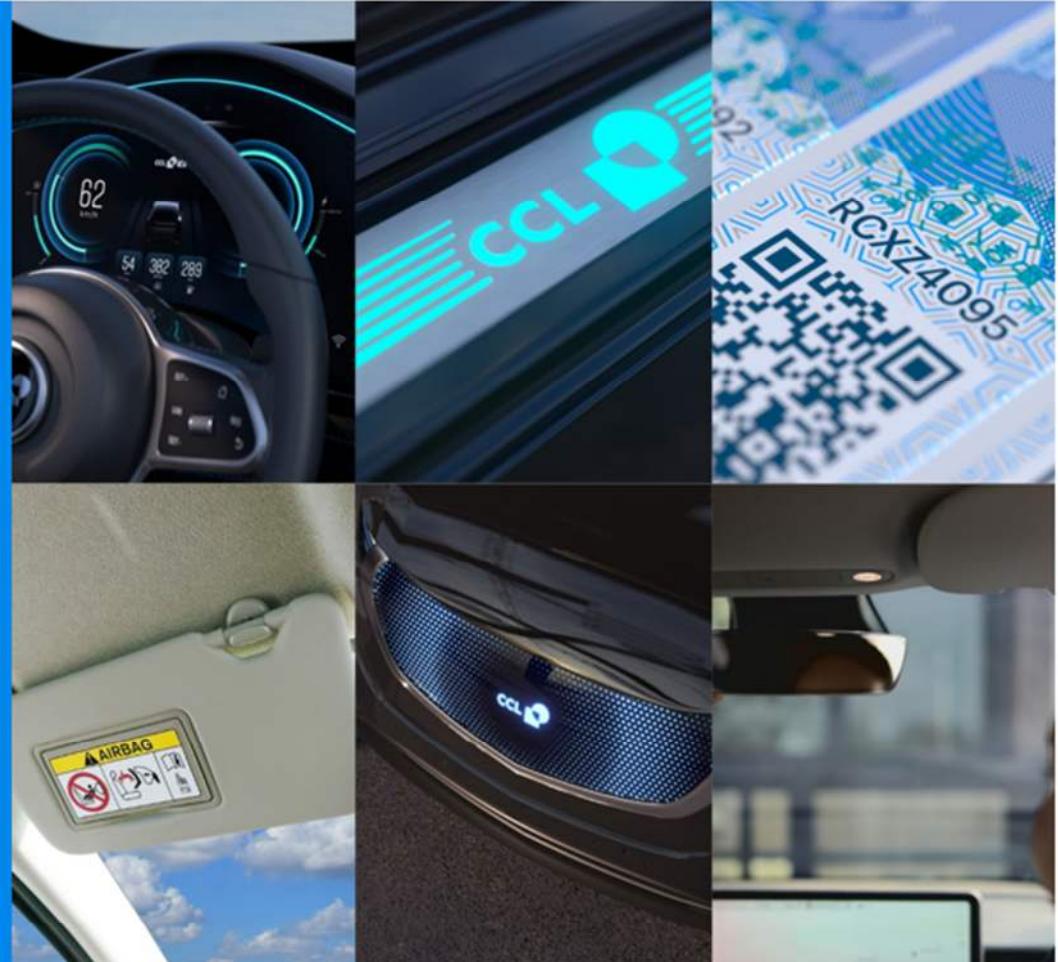
Growth strategy driven by new products to existing and new customers

Growth also supported by investments in smart capabilities



## Key CCL Design Automotive Products

- In-mold Decorated Plastic Components & Assemblies
- Illuminated Tread Plates
- Badging
- Decorative & Hard Coated Overlays and Trim
- Printed Electronics & Human Machine Interface (HMI) Assemblies
- Precision Die-Cuts
- Durable Labels & Graphic Overlays
- Smart & Intelligent Labels
- Brand Protection Portfolio



# Automotive Interior Products

Center Console  
PRNL



Decorative  
Interior Trim



Overhead  
Modules/Lighting



Center Stack



Steering Wheel  
Control Sets



Cluster Displays



Front Grills



Sill Plate



## Interior Applications

### Key Features:

- Film insert moulding 1k or 2K
- Highly integrated with smart surface technology
- Wide range of decorative patterns and effects
- Backlit and hidden-til-lit features
- Crystal effect with PUR coating

### Advantages:

- Customized technical solutions
- Design to finished assembly
- Variants of material options



# Automotive **Tread Plates**

CCL Design manufacture a wide range of automotive tread plates to extremely stringent automotive industry standards using a range of material including:

- Aluminium
- Stainless steel
- Backlit
- PU resin Coated
- Foiled
- Plastic



# Printed Electronics & Human Machine Interface Products

## Key Products:

- Graphic Overlays
- Membrane Switches
- Capacitive, Tactile & Force Touch
  - Plastic (PET, PC, PMMA)
  - Glass
- Backlit Panel Illumination
- Touch Screen Pads & Matrix
- Integrated Assemblies (Graphics & Electronics)





## Decorative Products

### Key Products:

- Brand Logos & Emblems
- Backlit Logos & Decorative Electronics Assemblies
- Decorative LCD Bezels & Trim
- In-mold Decoration & 3D Forming
- Decorated Plastics – Thermoset & Thermoplastics
- Touch/Track Pad Decoration & Assemblies
- Integrated Decorative Assemblies
- Automotive Tread Plates & Entry Sills
- Automotive Decals & Trim
- Decorative Films

# Decorative **Metal Covers**



# Automotive Interior Products

## Principal Manufacturing Capabilities

Screen Printing

3D Forming

Injection  
Molding

Assembly



Strongsville, Ohio



Guanajuato, Mexico

# Plan location **CCL Design Mexico**



Carretera Federal Queretaro –San Luis Potosi km. 49.5 San Jose de Iturbide, Guanajuato C.P. 37989 Mexico

**Land 56,043m  
construction 7800m**



# Guanajuato, Mexico



Automotive



180 employees



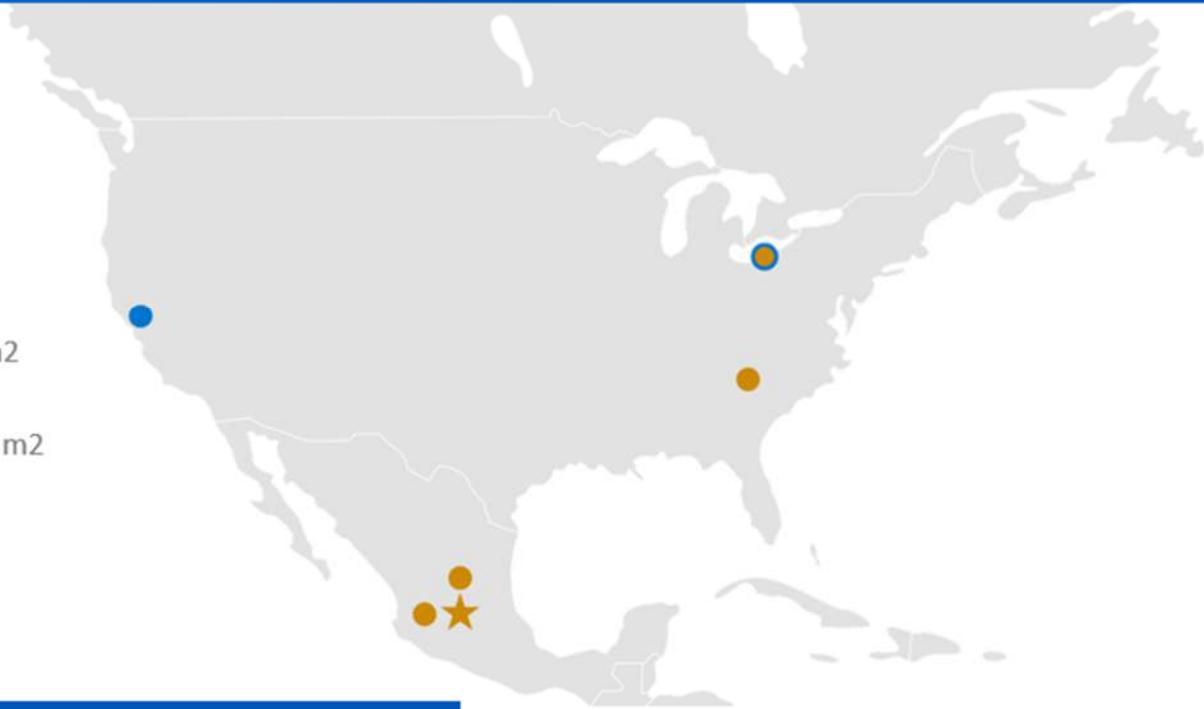
Building: 8,000 m<sup>2</sup>



Property: 56,000 m<sup>2</sup>

## Certifications

- ISO 9001
- ISO 14001
- IATF 16949



## Site Capabilities

- Precision multi-color screen printing
- UV & solvent screen printing
- State of the art CCD die-cutting
- Tight tolerance high pressure forming
- Hardcoat curing
- 3D foil trimming
- Precision plastic injection molding
- Laser cutting
- Metal stamping
- Electronic assembly
- Automatic material handling
- CNC milling process (PMMA, PC, Al)
- Laser etching
- Die cutting
- Stamping process (metal)
- Progressive stamping (metal)
- Bending & cutting (metal)
- Sheeting & slitting
- Laminating
- ISO 8 Class clean room
- On site laboratory testing



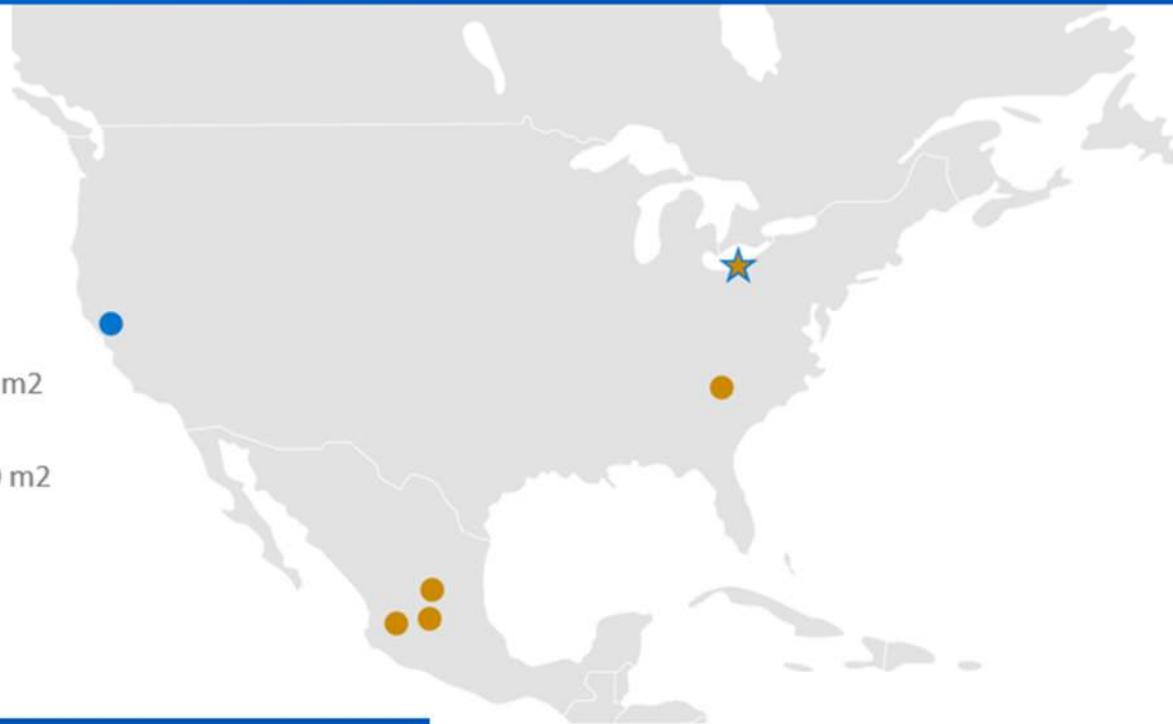
# Strongsville, OH United States



- 240 employees
- Building: 24,000 m<sup>2</sup>
- Property: 28,000 m<sup>2</sup>

## Certifications

- ISO 14010
- ISO 9001
- IATF 16949
- UV flexo printing
- Laminating
- Ultra sonic welding
- Hotmelt adhesive coating
- Wide web laminating
- Wide web slitting
- Converting
- ISO 8 clean room
- On site laboratory testing



## Site Capabilities

- Rapid prototyping
- Rapid PCB prototyping
- Digital printing
- Screen printing
- SLA 3D printing
- Thermoforming
- Laser cutting
- CNC cutting
- Die cutting

# CCL Design Cyber Security & Data Protection

Global commitment to cyber security & data protection through:



Multi-layered security solutions – Anti-virus, Vulnerability monitoring, frequent updates



Corporate 24 \* 7 Security monitoring of all infrastructure



Strong global security policies & procedures



Multiple customer cyber security audits



Information Security Certification to ISO27001 on defined security sites



Employee Security Awareness Training



Customer facing web developments protected via industry standard security protocols



Meet all data protection requirements by country / region



# CCL Design Sustainability

## This is our commitment:

CCL have signed a global commitment to the New Plastics Economy led by the Ellen MacArthur Foundation to drive change through active partnerships.

The Ellen MacArthur Foundation launched in 2010 to accelerate the transition to a circular economy by following three key principles:

1. Eliminate all problematic and unnecessary plastic items.
2. Innovate to ensure that the plastics we do need are reusable, recyclable, or compostable.
3. Circulate all the plastic items we use to keep them in the economy and out of the environment.

*We joined the Global Commitment of the New Plastics Economy led by the Ellen MacArthur Foundation, as part of our active partnerships towards circularity and sustainability.*



## Our Sustainability Commitments

- By 2025, all CCL customers will be able to choose label products and solutions that will not hinder consumer-packaged goods to be recyclable, reusable or compostable.
- CCL is committed to limit industrial waste ending up in the environment or landfills by implementing waste reduction strategies. Our goal is to eliminate all landfill from our manufacturing process by 2030 in North America and Europe and cut today's level by 90% globally by 2025. Incineration is only an acceptable alternative to landfill if it is energy generating.
- CCL will commit a fixed financial percentage of its R&D resources annually towards further development of sustainable and circular products.
- CCL will continue to work collaboratively across the plastic value chain to ensure packaging is sorted and recycled in practice at scale by developing enabling label solutions.



Global  
Commitment

T H A N K   Y O U !



**CCL Design**  
MEXICO



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