

About Sightline

An experienced team brought together by curiosity and a shared vision to literally change the world.

Our vision for Advanced Manufacturing is the merging of Canadian strengths in AI, trusted data interoperability (data trusts) and advanced sensing to deliver on Industry 4.0, thereby ensuring global competitiveness, integrated technological advancement, and outsized impact.

Employee Breakdown

LOCATIONS IN CANADA AND US

TORONTO: 10 EMPLOYEES / EXECUTIVE

WINNIPEG: 17 EMPLOYEES / R&D

MINNESOTA: SATELLITE OFFICE

LONDON: SATELLITE OFFICE

Recognitions

- The only Canadian owned AI company selected for Band 3 (up to \$9 million) of the Government of Canada's AI vendor list (published January 2019)
- CIX Top 20
- Recipient of Western Innovation Funding Award
- Global Forum 2017 Startup Silver Award

27 Patents

26 NON PROVISIONAL
1 PROVISIONAL

FILED IN CANADA AND US

MACHINE LEARNING / PHOTONICS AND
UNIQUE AI PROCESSES/ DATA TRUSTS

A LEADER IN THE DATA TRUSTS

SPECIALIZED TECHNOLOGY IN INDUSTRIAL
SURFACE INSPECTION SPACE

Key AI Patents

SYSTEMS AND METHODS FOR COMPUTER IMPLEMENTED
DATA TRUSTS

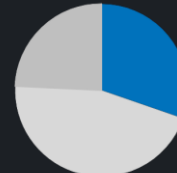
SYSTEM AND METHOD FOR IDENTIFICATION AND
CLASSIFICATION OF OBJECTS

SYSTEM AND METHOD FOR INCREASING DATA QUALITY
IN A MACHINE LEARNING PROCESS

SYSTEM AND METHOD FOR VOLATILE COMPOUND
DETECTION

Data trust & applied AI expertise

SIGHTLINE TEAM EDUCATION BY EMPLOYEE

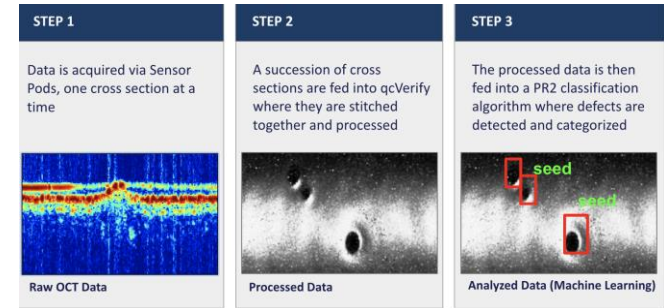
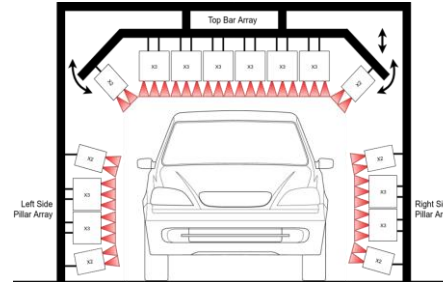


■ Doctorate 10
■ Bachelor & Other 15
■ Masters 8

A clear focus on increasing Canadian R&D metrics



■ Executive and other operations 37%
■ Research & Development 63%



Collaborative Advanced Manufacturing Project Goal

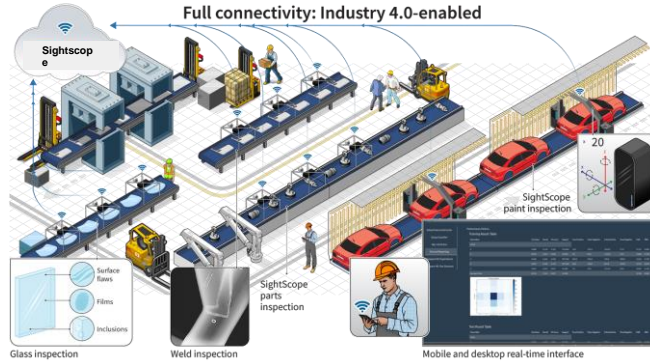
SightScope™ OCT in an advanced manufacturing setting: Sightscope is a non-destructive fully automated inspection system, that utilizes proprietary AI, photonic and data trust technologies for defect detection in paint and clear coatings, including automated root cause and back traceability, thickness inspection, spray quality, body geometry, and base coat qualities. It can be installed right on the production conveyor with minimal modifications and doesn't require stopping the line. SightScope extends the traditional surface inspection data analysis by leveraging micron-level resolution tomographic data which is generated from the whole paint film build and not only by the visible portion of the top layer.

Structure project to develop real world verification of:

- **Surface Inspection** - coating, parts, poka-yoke, surface elevation
- **Structural Inspection** - weld, composites
- **Industry 4.0** - failure traceability, autonomous processes, defect/failure processes, parts tracking
- **Integration** - seamless integration with existing quality assurance processes, 3D visualization, and real time reporting of results

Ultimate Outcomes will include:

- **Cost reductions** - Fewer inspection errors, reduced recall costs, decreased product integration time, lower rejection rates of good products
- **Efficiency** - superior computing power delivers high throughput, greater product quality, in-motion real time inspection, enhanced data analytics capabilities, better visibility for decision making
- **Data protection** - tracking, tracing data output, usage, access, and monetization



Partnerships Seeking:

Primary

- Large multi-national enterprises with operations in Canada, in one or more of the following sectors:
 - Automobile / Aerospace / Space / Defence / Machinery / Electronics

Other

- Technology providers, including cloud providers, networking, IOT, and industrial wireless /connectivity
- Testing partners and demonstration validation
- NFP and/or consulting co-ordinating partner
- Academic - experiential learning opportunity for students (data scientists, production line specialists)