



Corporate Introduction

November 2024

Introspect Makes Tools for Engineers

ADDRESSING GAP IN TEST EQUIPMENT AVAILABILITY

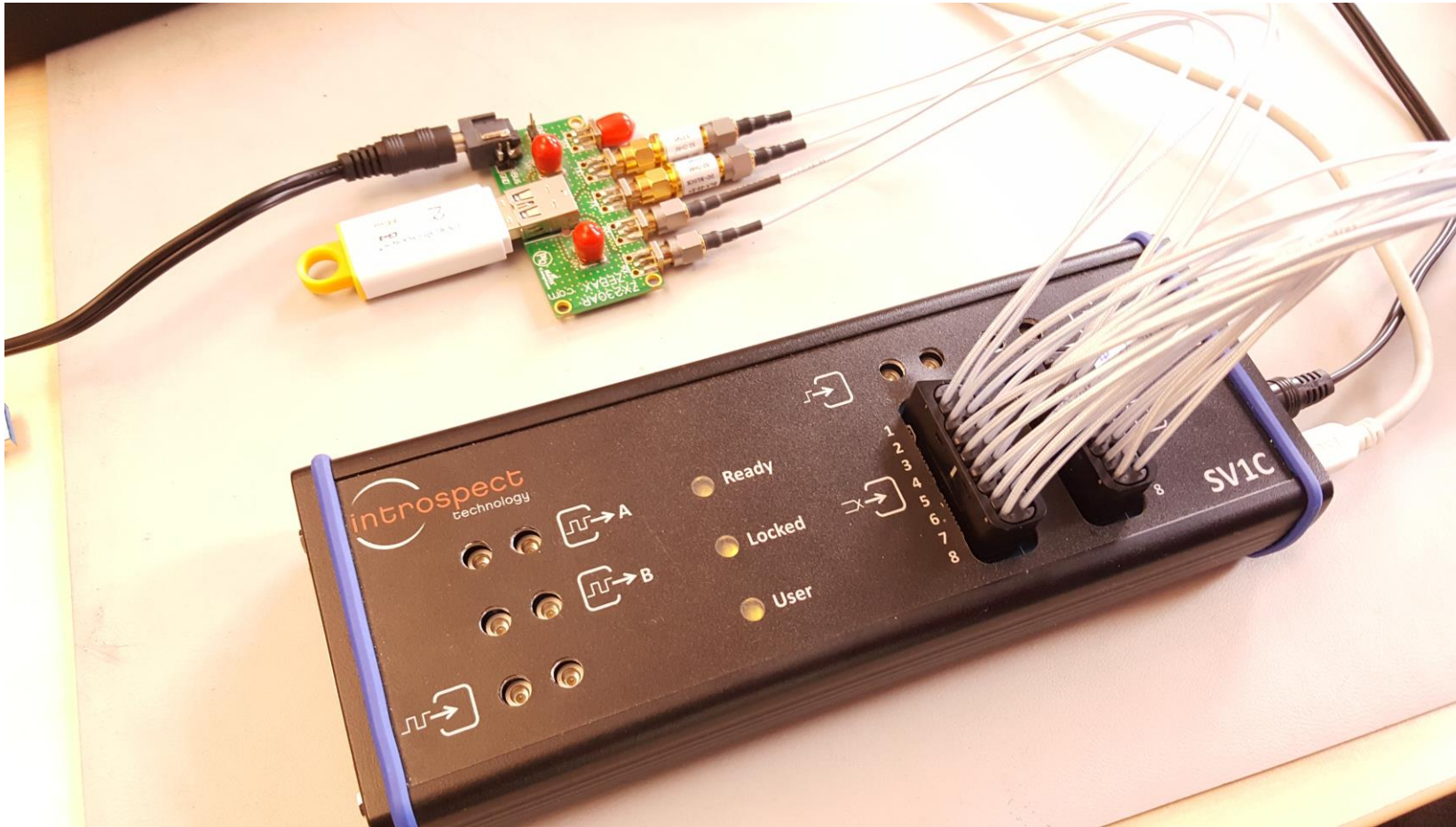


- Bench-like accuracy and precision
- EDA style scripting
- Software-style regression and versioning
- ATE-like speed
- Highly parallel
- Designed for automation

We Test Electronic Interfaces...



We Act as a Link Partner / Exerciser...



And We Probe a Live System



The Protocols at a Glance

MIPI DSI-2 / CSI-2

Embedded DisplayPort

LPDDR4 / LPDDR5 / DDR5

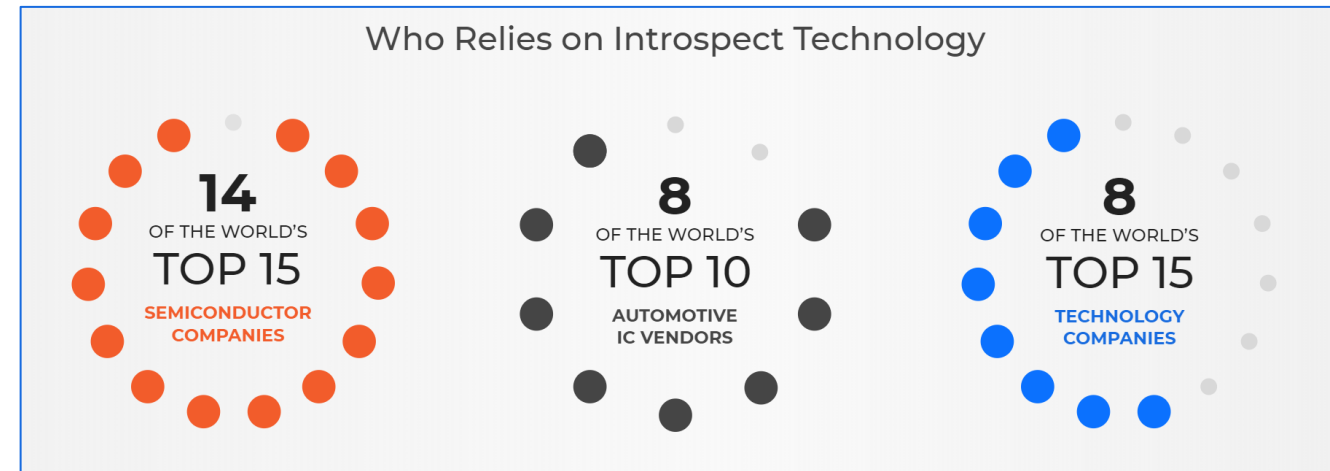
I3C / I2C / SPI / RFFE /
SoundWire

M-PHY / SLVS-EC / Vx1
HS / LDI

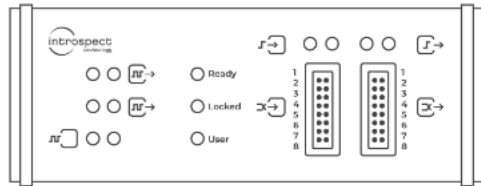
PCIe / CXL / GDDR6 /
GDDR7

Company Facts

- Founded in **2012**
- Offices in **Montréal, Québec** and **Vancouver, British Columbia**
- **Global, outsourced** sales and distribution channel
- Manufacturer of capital equipment used in the **design validation** and **mass production testing** of electronic components that contain high-speed communications interfaces
 - Smartphones
 - Personal computers and tablets
 - Augmented reality headsets
 - Automotive systems and self-driving systems
 - Data center server racks
 - Medical equipment

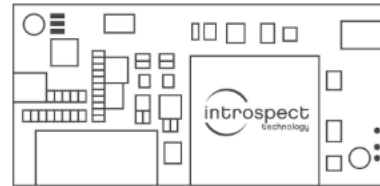


Flexible Products to Satisfy Different Testing Needs



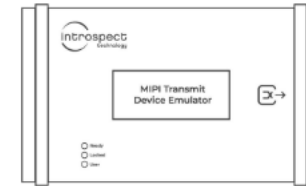
C Series

**PERSONALIZED
SERDES TESTERS**



D Series

**DIRECT ATTACH
SERDES ENDPOINTS**



E Series

**SYSTEM-LEVEL DEVICE
EMULATORS**



M Series

**MASSIVELY PARALLEL
TESTERS**

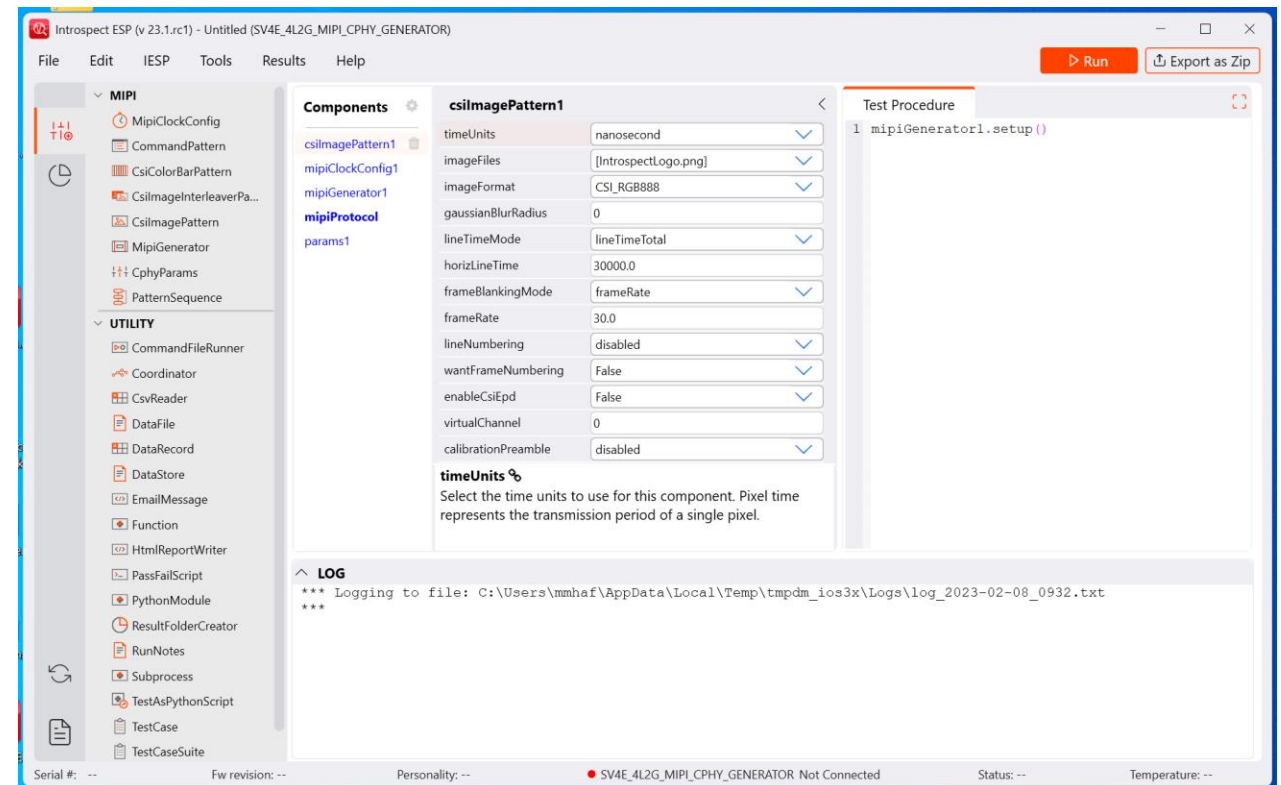
Introspect Technology offers a broad range of solutions for high-speed SerDes development and test — each of our product categories is optimized for different use and deployment models.

Vertically Integrated Company

HARDWARE



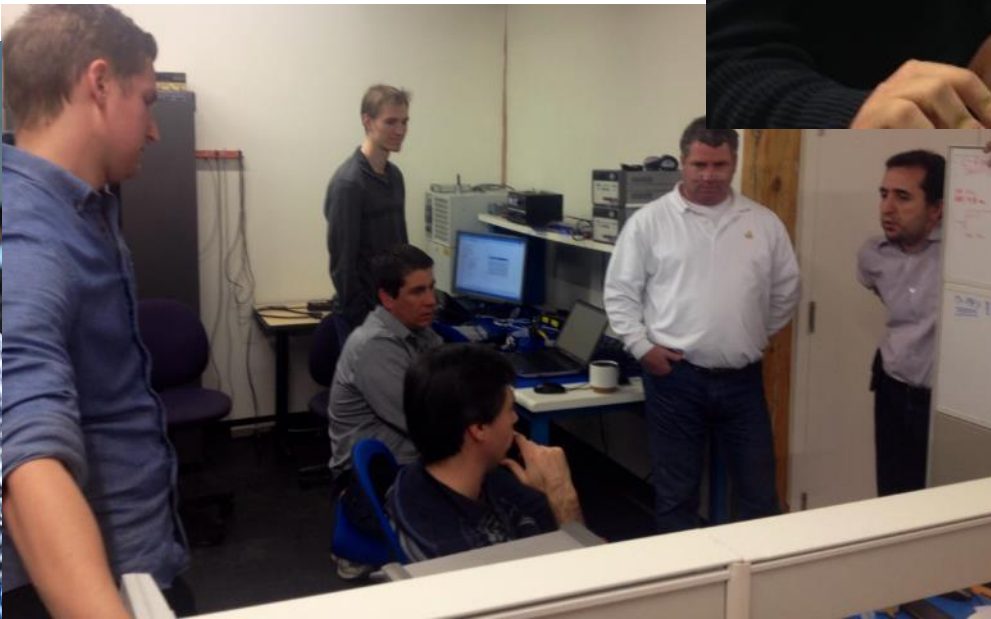
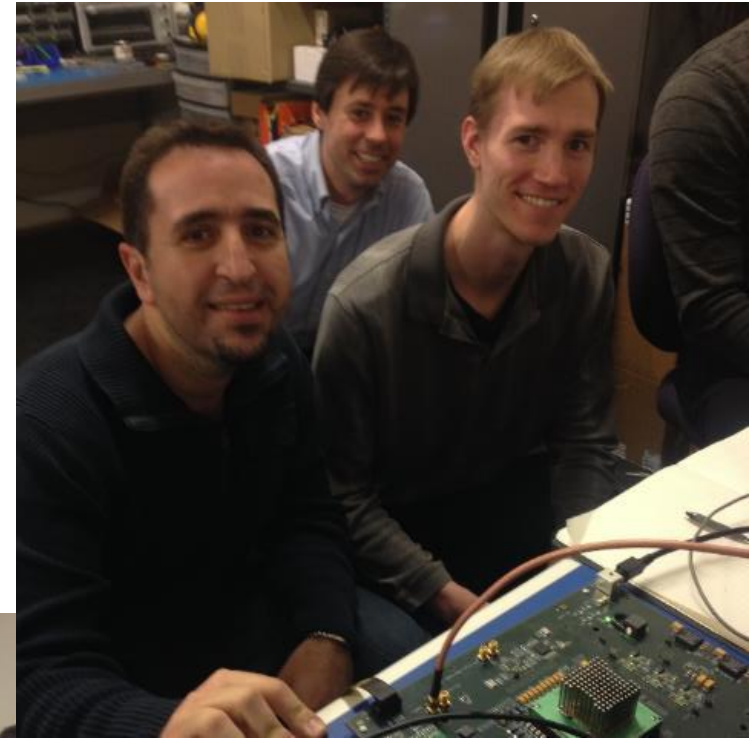
SOFTWARE



Organizational Performance

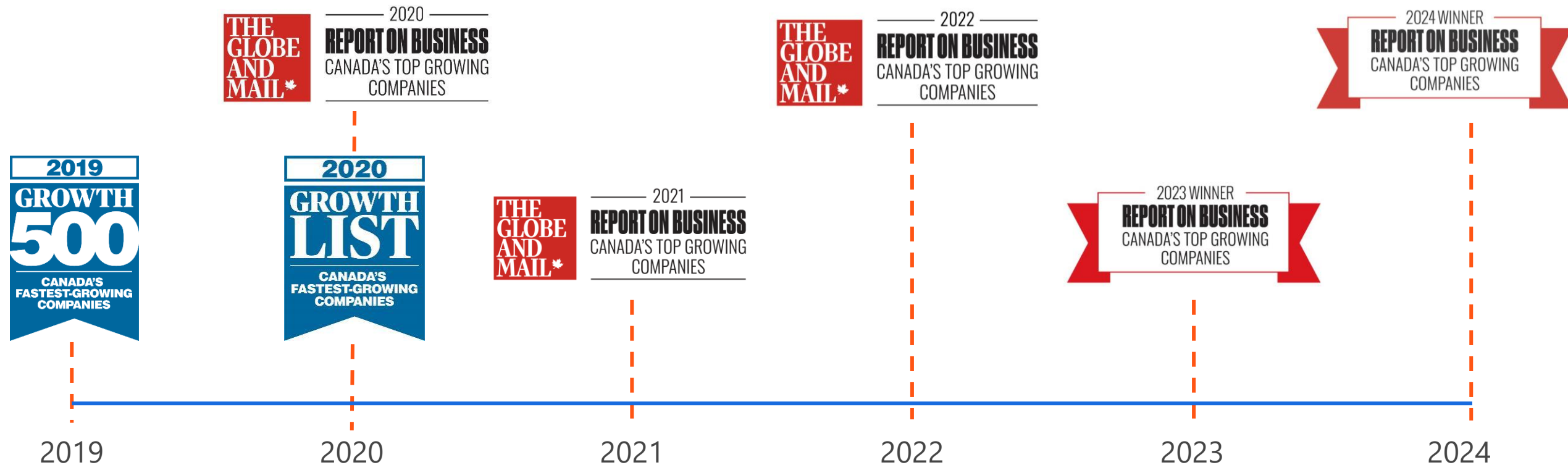
COHESIVE, SKILLFUL DEVELOPMENT TEAM

- Five generations of products and growing
- Core competence in microwave design, hardware design, software design, and algorithm design
- Worldwide support coverage



Organizational Performance

FINANCIAL PERFORMANCE – RAPID ANNUAL REVENUE GROWTH



Organizational Performance

RECOGNIZED INDUSTRY LEADERSHIP

- Contributor member at [MIPI Alliance](#), [JEDEC](#), [PCI-SIG](#), [Vesa](#), others
- Electronics Industry Awards Test & Measurement Product of the Year (2024) for the [M5512 GDDR7 Memory Test System](#)
- Future of Memory & Storage (FMS) Best of Show (2024)
- Electronics Industry Awards [Excellence in Innovation](#) (2022) and [Best Customer Service](#) (2021)
- Electronics Industry Awards, T&M and EDA tools, 2019, 2020, 2021
- Best in Design & Test Award 2013, 2015 (based on user votes)
- Finalist for ACE Executive of the Year Award 2014
- Finalist for ACE Design Team of the Year Award 2015



EXCELLENCE IN INNOVATION

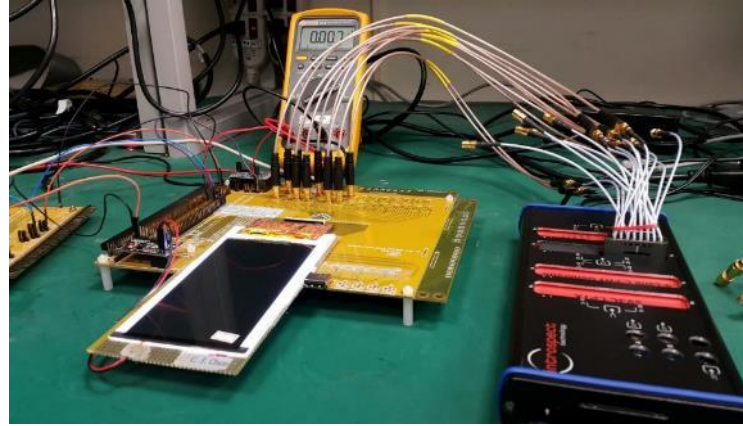


Introspect Deployment Areas

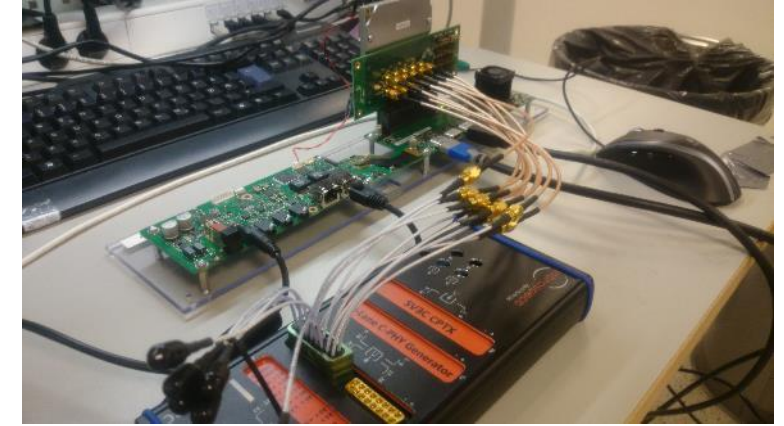
Electrical Characterization



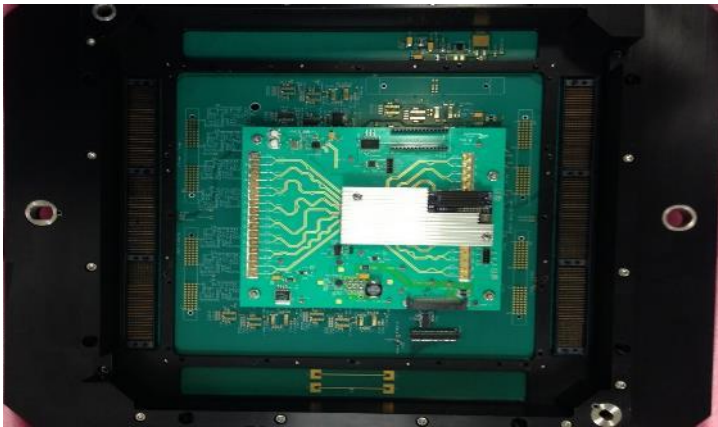
Design Validation



Applications Engineering



Production Testing



Failure Analysis



System-Level Test





Summary

HIGHLY DIFFERENTIATED SOLUTIONS

- Introspect develops **parallel** test instruments for high-speed interfaces
- Our solutions **fill a much-needed gap** in test and measurement equipment availability
- We have created a rich portfolio of solutions for MIPI, DisplayPort, memory interfaces, and others
- Our solutions can be deployed at the **component level** and at the **module level**

Introspect CEO Background

- Before founding Introspect, Introspect's CEO worked very closely with ATE vendors in **designing channel cards**
- In 2007-2009, he and his team designed **Advantest's T2000 6 Gbps channel card**, and it was delivered to customers like Intel, AMD, and Xilinx. He worked closely with the **R&D team in Japan** and learned about the details of ATE architecture and the best practices for hardware and software
- He founded Introspect in 2012, and the **core team** was also the team that worked with him on the Advantest T2000 ATE channel card