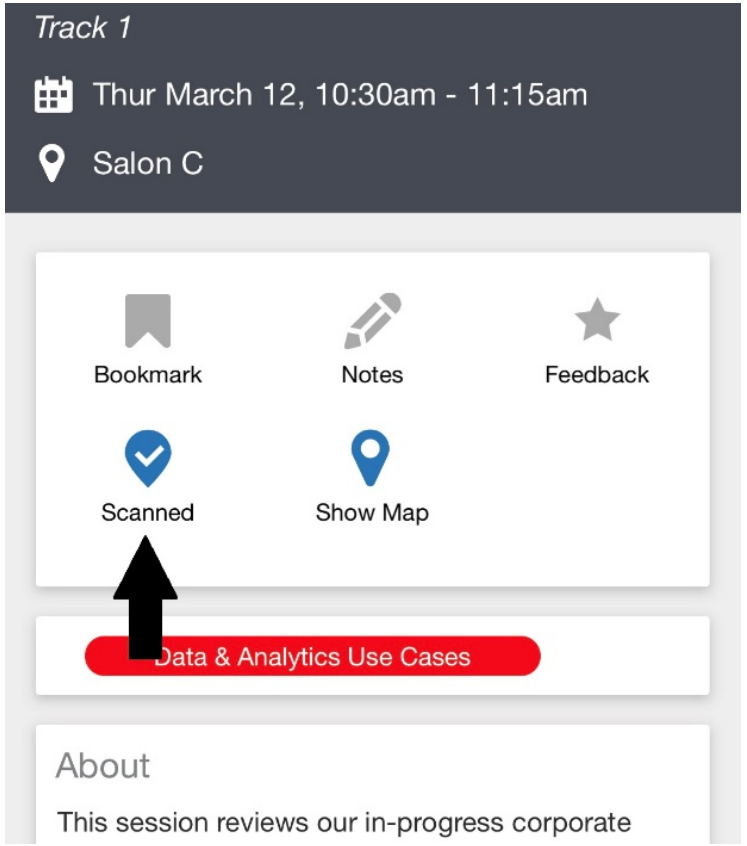
GREAT LAKES DATA & ANALYTICS SUMMIT

Thursday, March 12, 2020 | Metro Detroit

Welcome!

The presentation will begin shortly

If your badge was not scanned at the door, please use the self check-in feature in the session details in the Schedule.



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DELIVERING POWER

THAT MOVES THE WORLD.

About AAM

Global tier 1 automotive supplier

Headquartered in Detroit, Michigan

$7.27B 2018 SALES

22,000+ ASSOCIATES

700+ CUSTOMERS

17 COUNTRIES

80 APPROX. LOCATIONS

60+ MANUFACTURING FACILITIES

16 ENGINEERING CENTERS

History Timeline

For over 25 years, AAM has been Delivering POWER.

March 1, 1994

Acquired GM's Final Drive and Forge Business Unit leading to the formation of AAM

1994-1998

Operational improvements and establishment of AAM culture

1999-2005

Capacity expansion and selective globalization

2006-2010

Restructure, Resize, Recover

2011-2016

Profitable global growth and diversification

2017-Present

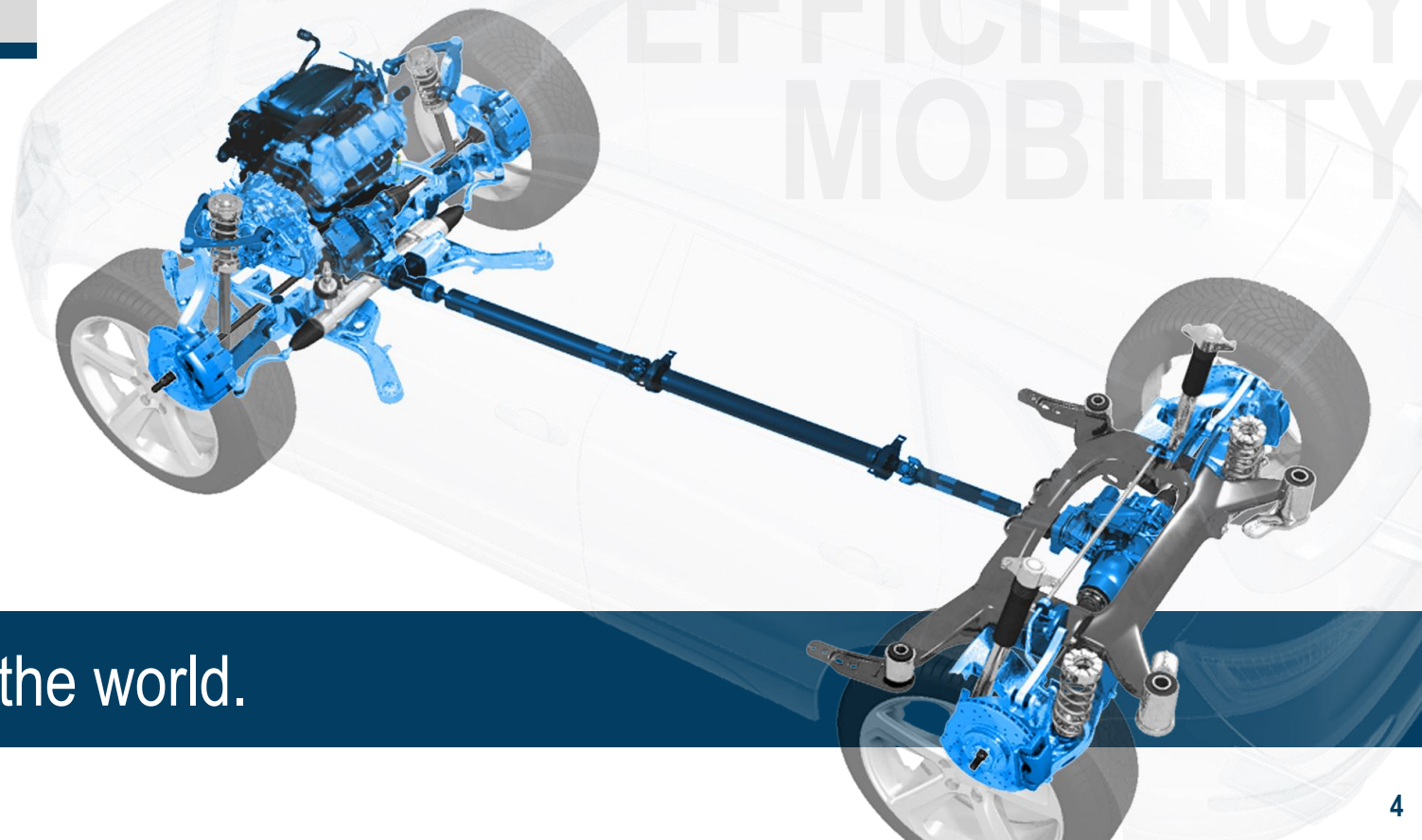
Strategic actions enhance scale, product portfolio, and financial profile

Company Overview

COMPREHENSIVE SOLUTIONS
from engine to driveline.

Focus on

- **Quality**,
- **Operational Excellence**
- **Technology leadership**



AAM delivers **POWER** that moves the world.

Diverse Product Portfolio

Product portfolio that serves the global automotive market

DRIVELINE | ≈ $4.9B

- Balance shaft systems
- Clutch modules
- Driveshafts
- Differential Assemblies
- Electric drive units
- Front & rear axles

METAL FORMING | ≈ $2.0B

- Axle / transmission shafts
- Connecting rods
- Differential gears
- Ring gears & pinions
- Suspension components
- Variable valve timing products

Digital & Analytics Department Goals

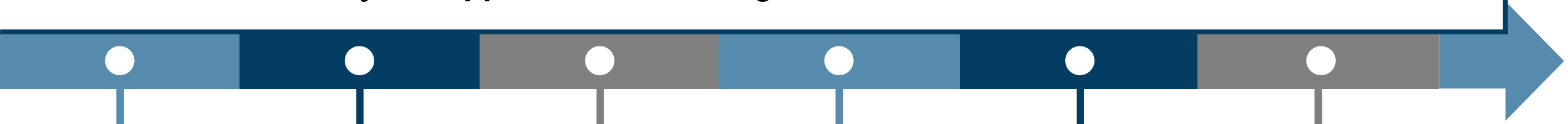
- **Visionary**
  - Stay on top of emerging technologies to adjust technology foundation over time
- **Speed**
  - Immediate response to business partner needs.
- **Alignment**
  - Tight alignment between business and technology roadmaps
- **Automation**
  - Reduce manual effort to automate solution for business partners and for IT
- **Visibility for Better Decision Making**
  - Do more to drive insights from of AAM's data for improved decision-making

History Timeline

AAM's Digital & Analytics Journey

DELIVERING POWER.

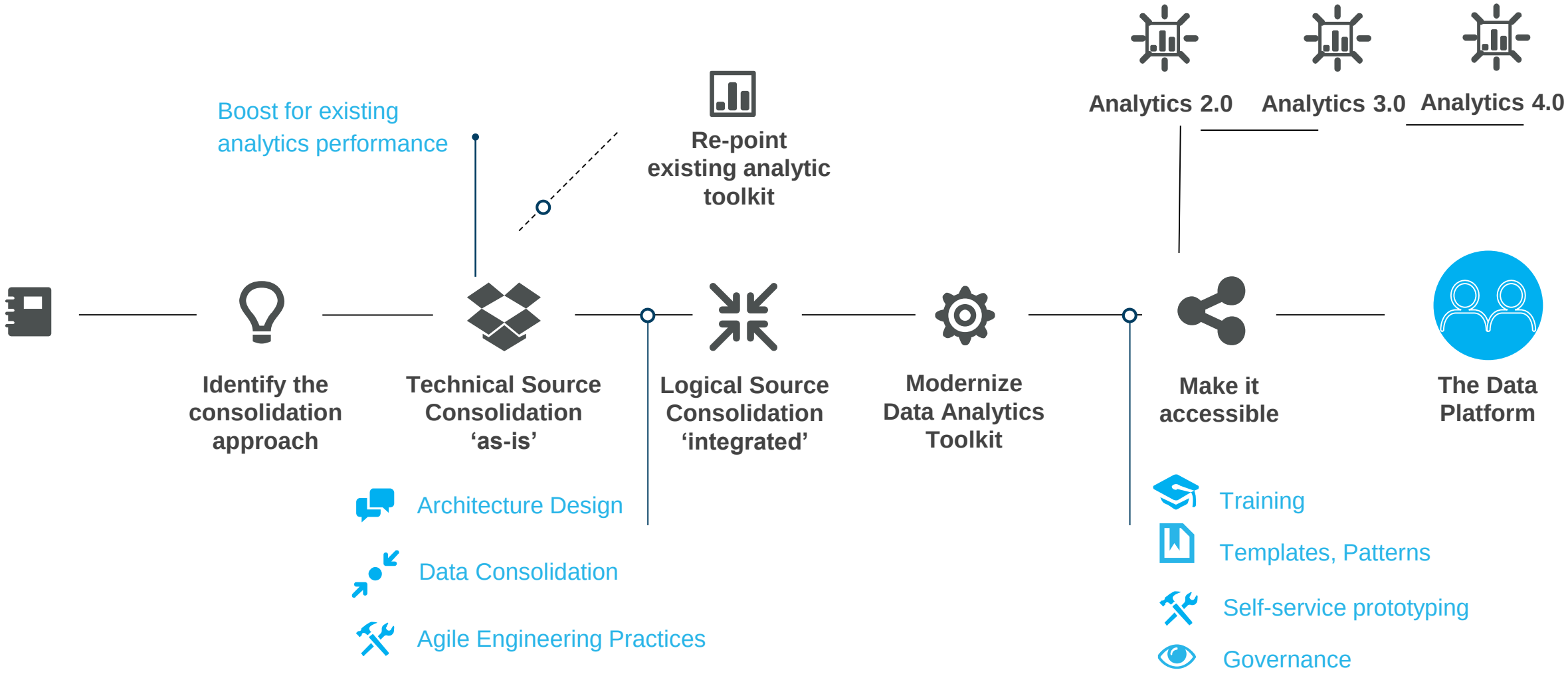
30 + Analytics Applications Running Across Several Business Functions



2012	2014	2016	2017	2018	2019 - Present
OBIA & OBIEE With Focus on Sales, Finance and Procurement	Capacity Planning & Global Sales Analytics	Plants' Capability Equipment Redeployment	Warranty, Quality & Scrap Reduction Analytics	AI / ML Hadoop Big Data Discovery	Platform Modernization (Snowflake for data accessibility & Power BI for advanced analytics)

Moving at the Speed of Business with Compute Linked to Business ROI

Modernize Platform & Make Data Accessible



Digital & Analytics Modern Data Platform

- **Cloud Data Platform - Snowflake**
  - Streamlined Data Engineering
  - Faster, Easier Data Preparation, Ingestion, and Computation for Data Science
  - Superior Performance - Makes Fast Insights Possible on Large Amounts of Data
  - SAAS Platform = Automation vs. Manual Administration from IT
  - Direct Alignment of Platform Costs to Business Projects
  - Support Digital Platform Goals (Public Cloud) & Cross-Cloud Provides Future Flexibility

www.aam.com

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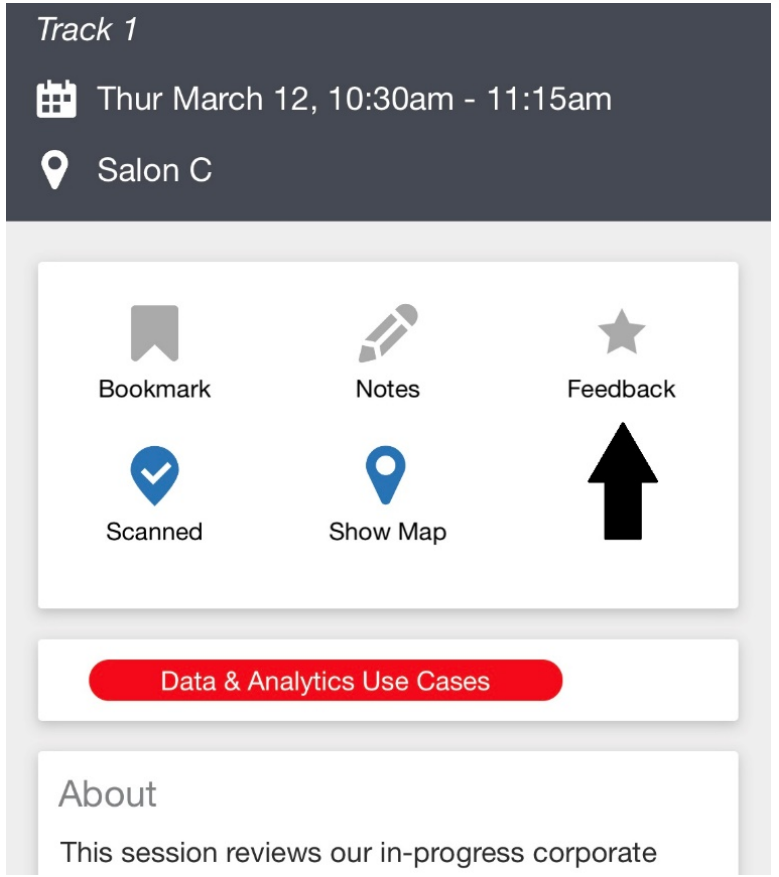
Thank you for attending!

We value your feedback! Please rate your speaker in the session details in the Schedule.



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