

Saab and NI Technology and Collaboration Exchange

Johan Olsson
Saab Account Manager

Rene Voorhorst
Regional Sales Manager

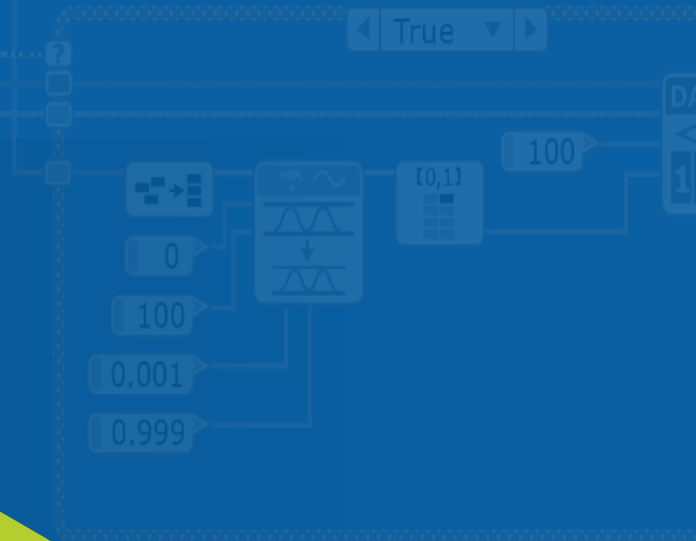
Klas Andersson
Sr Applications Engineer

Marcus Bengths
Technical Support Engineer

09:30 - 10.00	Registration and Welcome	
10.00 - 10.40	Keynote	
10.40 - 11.45	Saab Aeronautics	
11.45 – 13:00	Lunch at Restaurant Terrassen	
13.00 - 13.30	<i>Room: Auditorium</i>	<i>Room: Reception</i>
	Syncore Technologies	LabVIEW NXG
13.35 – 14:15	SystemLink	FPGA Based Instrumentation
14.15 - 14.40	Coffee Break	
14.40 – 15.20	Saab Surveillance	
15:20 - 15.50	Saab Dynamics	
15:50	Wrap Up	



Powerful Possibilities. Real Solutions.





OPERATIONS IN
50+ COUNTRIES

\$1.36

BILLION
IN 2018

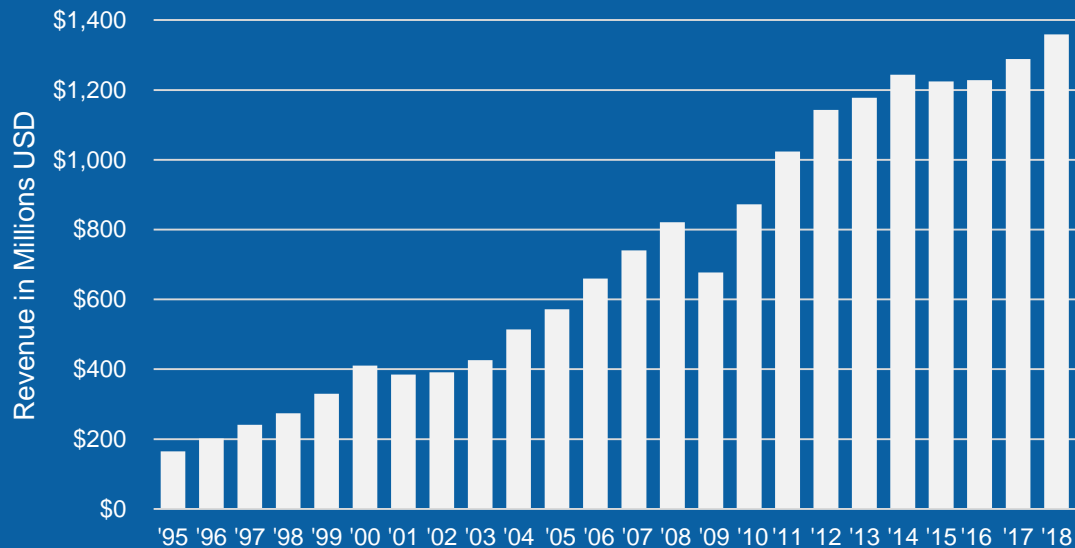


35,000+
CUSTOMERS WORLDWIDE



16%
INVESTMENT IN R&D

Long-Term Track Record of Growth



MISSION STATEMENT

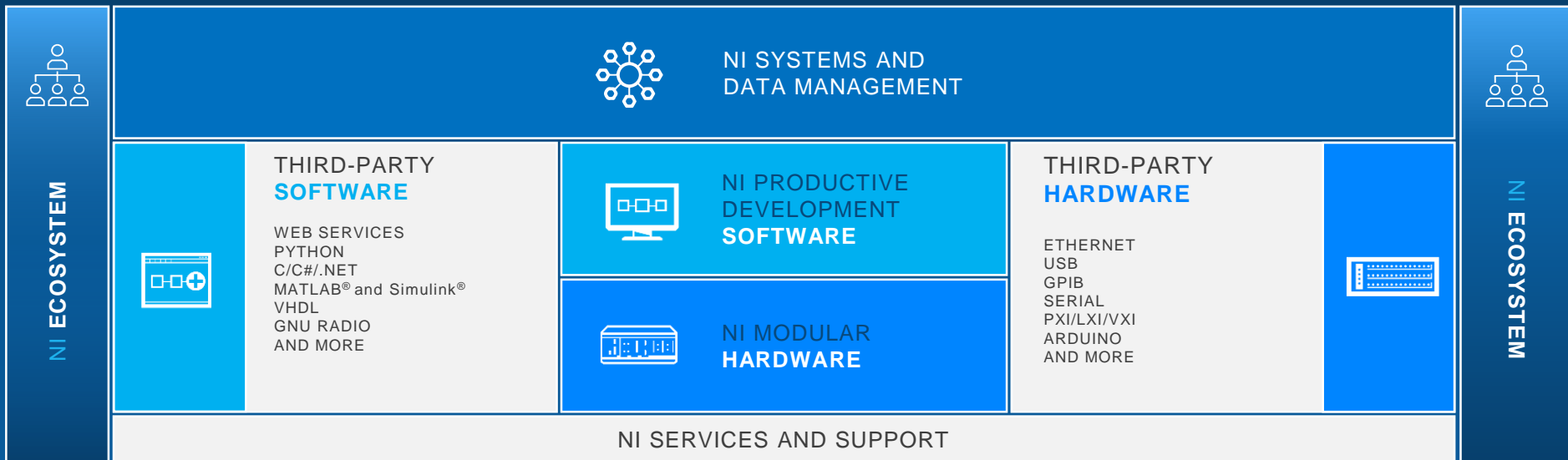
NI equips engineers and scientists with systems that accelerate productivity, innovation, and discovery.



NI's Differentiated Approach

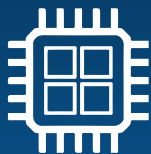
A software-defined platform that
accelerates the development and performance of
automated test and automated measurement systems.

NI PLATFORM



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NI PLATFORM



SEMICONDUCTOR



TRANSPORTATION



AEROSPACE/DEFENSE/
GOVERNMENT



PORTFOLIO

NI PLATFORM

Using Our Platform to Create an Aerospace ATE System

General-Purpose Products



PXI



FPGA-Enabled I/O



LabVIEW™



NI TestStand™



DIAdem™

Test and Data Management Software



“Standardization on a common test platform has reduced test cost by 40 percent.”

—Mark Keith, Chief Engineer

Honeywell

Case Studies

Using NI Software and
PXI Modular
Instruments to
Develop a Compact
Test System for
Military Submarine
System Components



Automated Test System
for Secondary
Surveillance Radar
Transponder



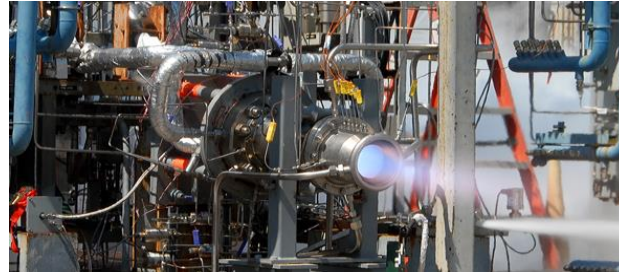
NASA Data
Acquisition System
Software for
Rocket Propulsion
Testing



Saab Elevates Testing
of the World's Most
Cost-Effective Fighter
Plane



Developing the Control
Center for a New
Green Rocket
Propellant Test Bench
at
the German Aerospace
Research Centre



Passive Radar System

Digital beam forming to determine
the direction of arrival of signals

Adaptive filtering to cancel any unwanted direct
signal returns

Cross-correlation of the reference channel
with the surveillance channels

