



From Request to Success

Let's Accelerate Your Validation Workflow

Travis Escoffery

Software Product Manager

Eric Satterness

Software Product Owner

Agenda

Validation Challenges

Current Workflow

NI Value

Demo

Validation Challenges

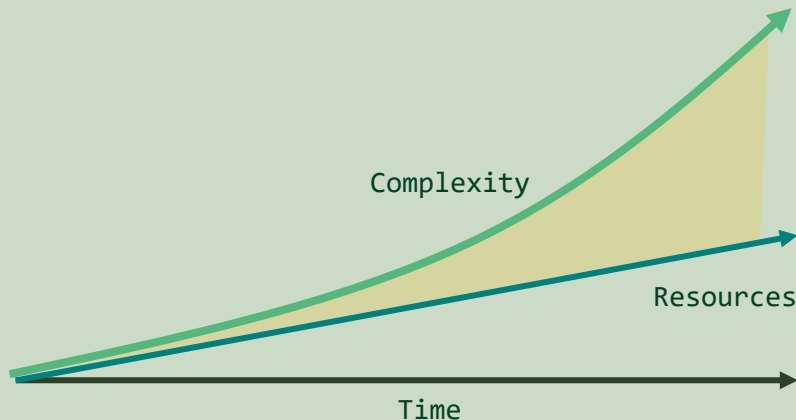
Time is a precious resource

- Less time to do more V&V work
- Same processes & technology

Lack of efficiency / resources

- Lack or reuse within / across teams
- Limited time to improve processes

The gap between test complexity and resource availability keeps growing



Challenges with today's software flow for validation

- Workflow from Request to data gathering to sharing is disconnected
- Challenging to mix and match HW and SW from different vendors
- Lack of open-source automation support



NI Value to The Validation Workflow

Configurable Logging and Validation

Discover

Request

Research



Validate

Setup

Deploy

Log

Analyze



Scale

Share

Automate



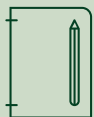
NI Value to The Validation Workflow

Configurable Logging and Validation

Discover

Request

Research



Validate

No Install Evaluation

Minimize time evaluating HW and SW specifications, means more time setting up and executing tests

Connect with us to learn more!

Analyze



Share



Scale

Automate



NI Value to The Validation Workflow

Configurable Logging and Validation

Discover

Request

Research



Setup



Validate

More Flexibility in Logging Configuration

No code configuration-based applications means you can run more tests in less time

Scale

Share

Automate



NI Value to The Validation Workflow

Configurable Logging and Validation

Discover

Req

Headless Logging [UPCOMING!]
Configurable logging closer to the DUT with ruggedized HW saves money and increases test coverage

Connect with us to learn more!

Validate

Deploy



Log



Analyze



Scale

Share

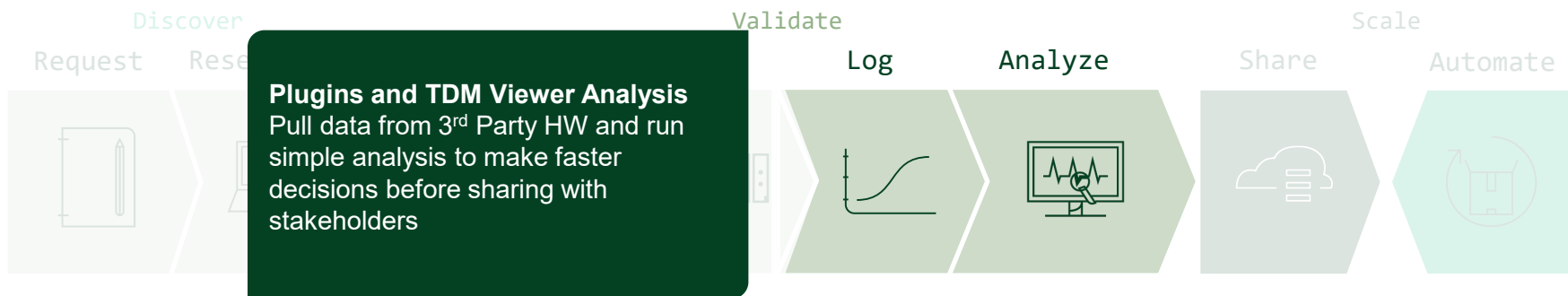


Automate



NI Value to The Validation Workflow

Configurable Logging and Validation



NI Value to The Validation Workflow

Configurable Logging and Validation

Discover

Request

Research



Setup



Validate

Connect to SystemLink

Send log files to a shared location and access them from the browser making data management and collaboration faster and more efficient

Scale

Share

Automate



NI Value to The Validation Workflow

Configurable Logging and Validation

Discover

Request

Research



Setup



Deploy



Validate



Scale

Automate



Automate with Python

Expand the capability of your test beyond logging, connect to other applications and get to insights faster

Test Workflow

All the Test Software You Need



A software bundle engineers use to:

- Perform quick measurement and analysis
- Develop production test stations
- Build web connected test systems
- Research new and emerging technology
- Test anything. Measure everything.

What You Need across Your Workflow

Test Workflow is NI's recommended collection of software for engineers working on research, validation, and production test applications.



LabVIEW

Graphical
Programming
Environment



InstrumentStudio™

Device Set-Up
and Configuration



G Web

Remote Access
to Test



FlexLogger™

Fast Data
Acquisition



DIAdem

Finding and
Analyzing Data



TestStand

Scaling and
Deploying Test

What We Covered

Next Steps

- Try Test Workflow today!
- Join The Flexlogger Closed door this afternoon!
- Connect with the team, scan the QR code to sign up to give us feedback



- Enjoy the rest of the conference!



National Instruments
is now NI.