

# Apica Load Test Overview



For review by **TOYOTA**

Performance Testing

Management & Engineering





Helping enterprises gain control of application delivery

### About Apica

- **Founded in 2007**
- NYC, Stockholm, Los Angeles & London
- AppDynamics Technology Partner
- Referenced by Gartner & 451 Research

### Our Solutions

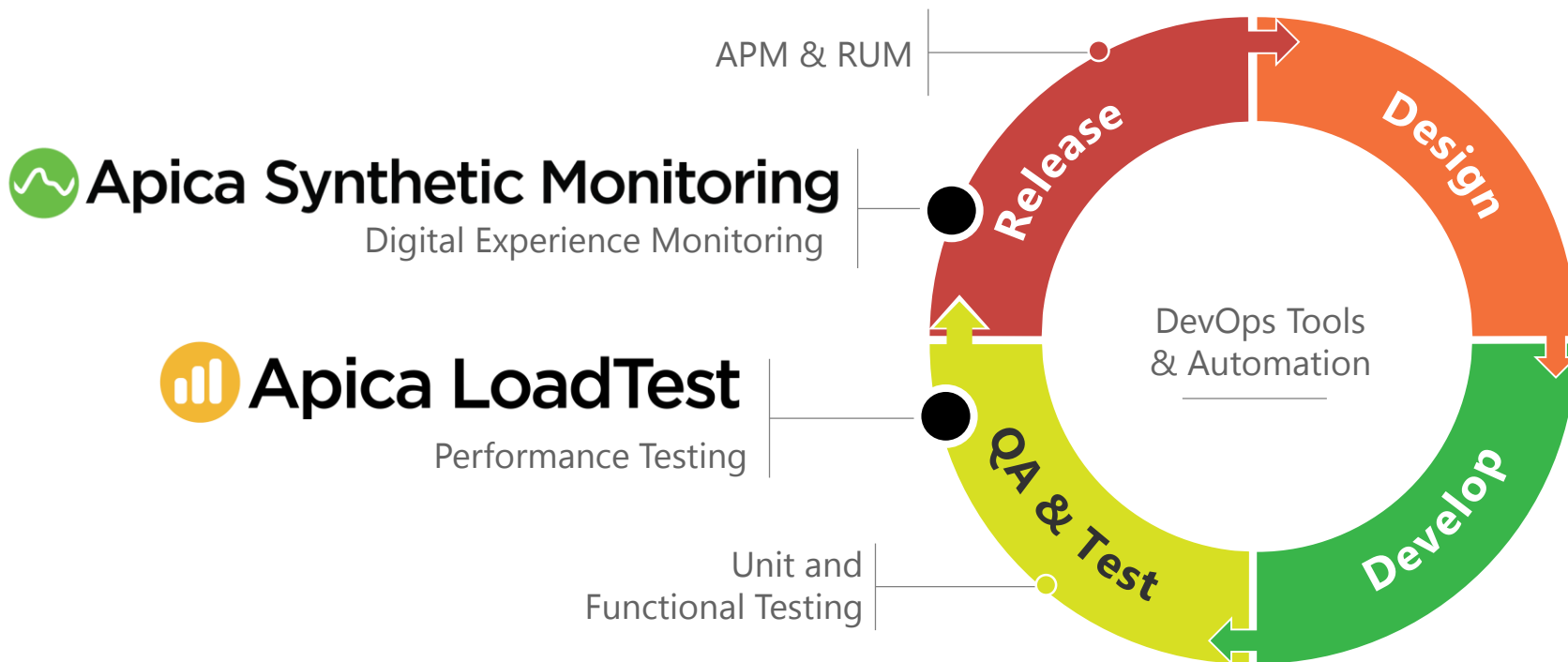
 **Apica LoadTest**

 **Apica Synthetic**

Trusted by:



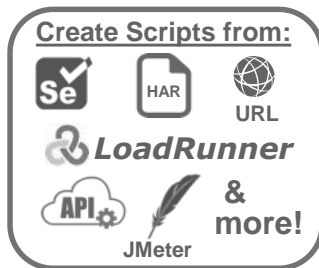
# Apica within Application Development Lifecycle



# Apica LoadTest

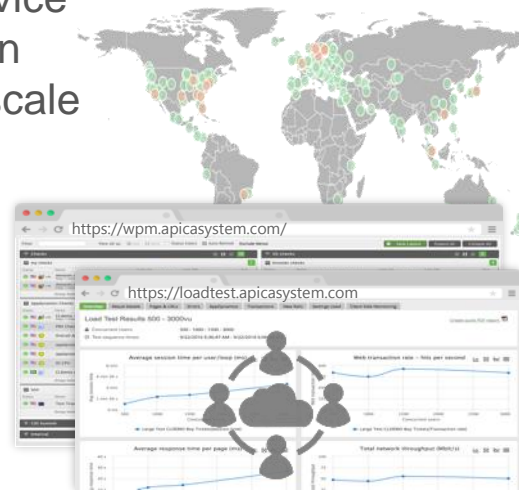
## Apica ZebraTester

- Local install
- Script recorder
- Test builder
- Test validation
- Local load execution



## Apica LoadTest Portal™

- SaaS Portal + Service
- Script Collaboration
- Test execution at scale
- Detailed reporting
- API Integration
- CI / CD Integration



## Full SaaS Deployment

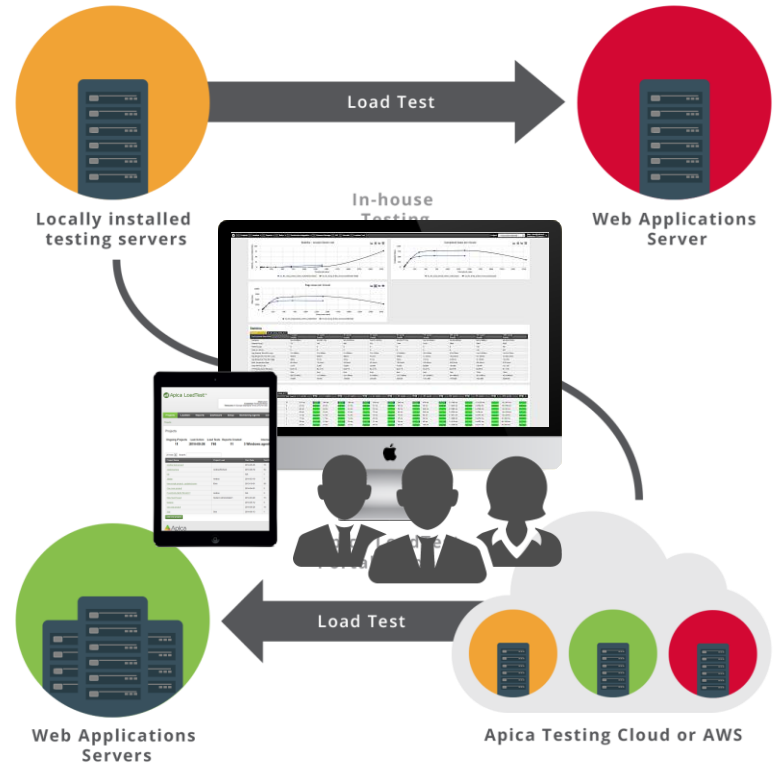
- SaaS Portal for collaboration
- Apica hosted load agents

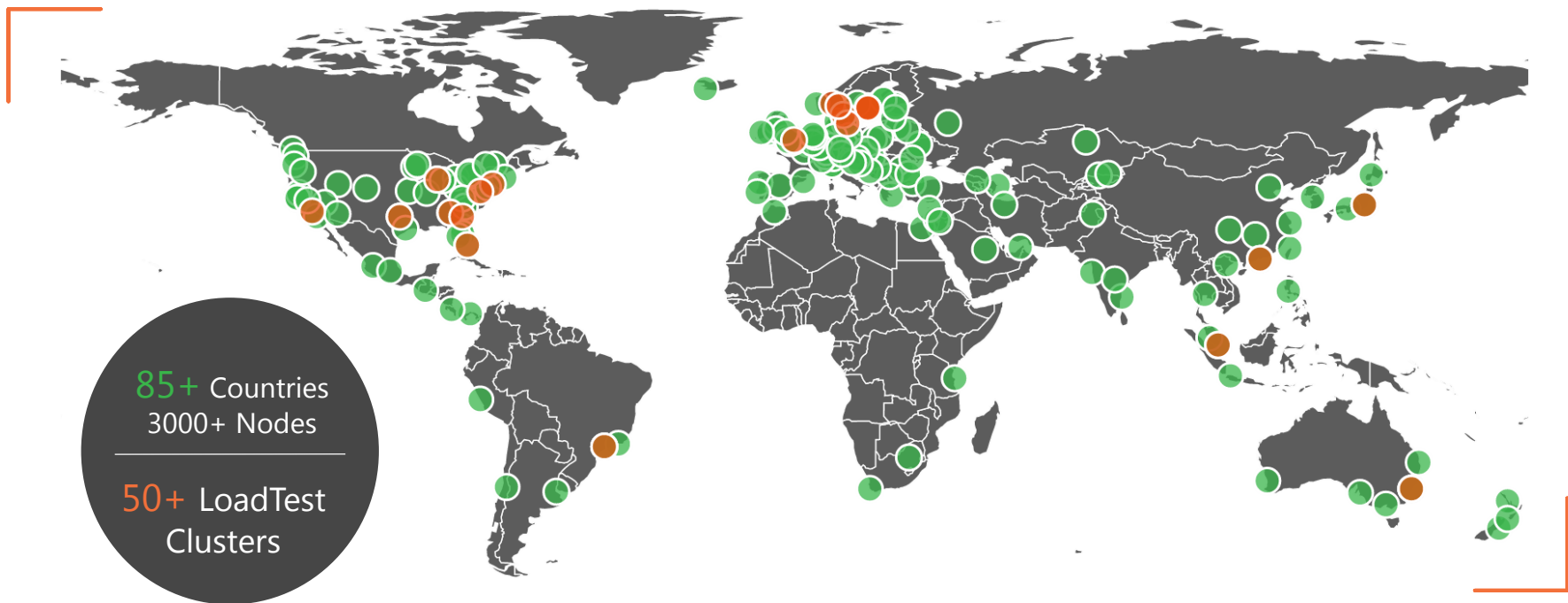
## Hybrid Deployment

- SaaS Portal for collaboration
- On-premise load agents (simple setup)

## Full On-Prem Deployment

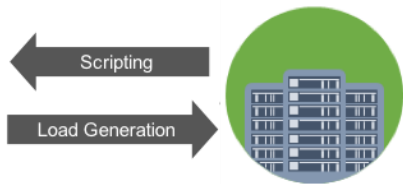
- Self-hosted Web Portal & Dispatcher (more involved setup)
- On-premise load agents (simple setup)







## Application Stack



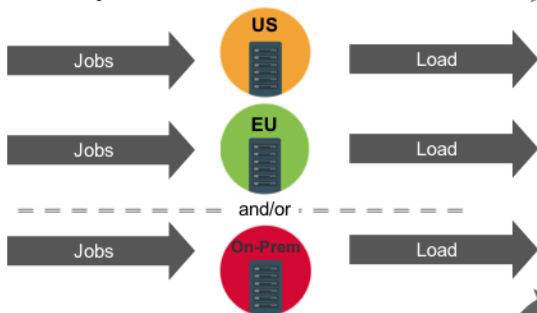
# Apica

## Load Test Architecture

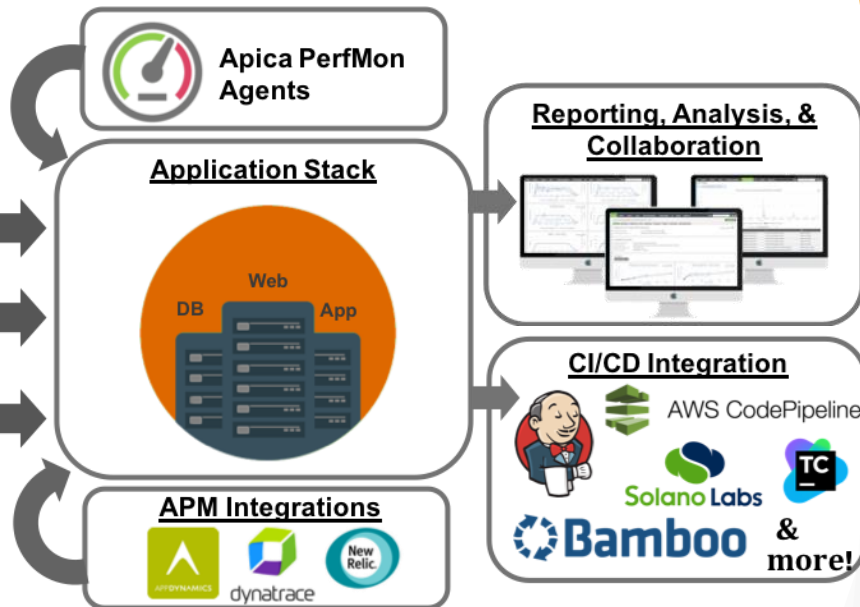
## Apica LoadTest Portal™



### Apica Load Cluster Locations



### Secure Private Load Agents



# No Stone Unturned



## Powerful scripting engine



- Script creation
- Script testing
- Codeless
- Extensible



## SaaS Testing & Automation Tool



- Test execution
- Integration
- Automation
- Reports & Analysis



## Performance Experts



Scripting



Apply Load



Analyze Results



Share & Enable





# APM Integration

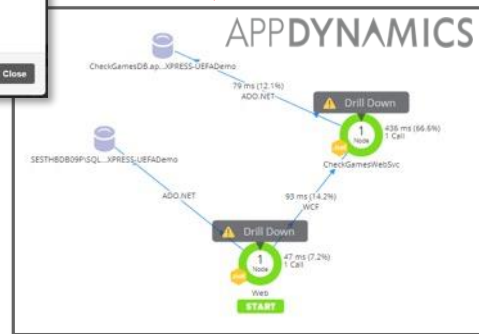
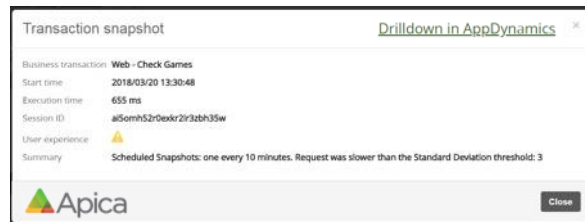
- Use already implemented AppDynamics agents
- “3 clicks to resolution” (Deep-links directly into AppDynamics snapshots)
- Live View application & platform infrastructure metrics
- Analyzing test results live or in reports
- All metrics are saved in Apica so no aggregation of data as in AppDynamics

## Formal AppDynamics Partner:

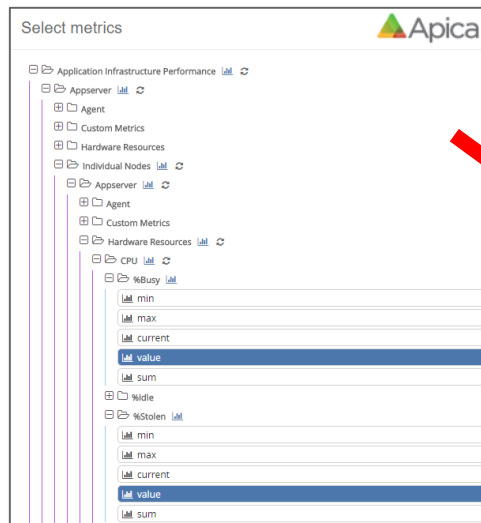
<https://blog.appdynamics.com/news/appdynamics-partners-with-apica-so-devops-teams-can-ensure-flawless-application-performance/>



## I. Transaction Drilldown



## II. Live & Stored Metrics



# Devops Automation

*(via CI/CD Automation Hooks & Reports from Apica)*

- Test can be scheduled and triggered via Apica API
- Test results fed back via API
  - Add conditional logic to assist in automating your release cycle
  - Gate deployments before a bad releases impact your production users
- Ongoing reports so you can easily compare against performance baselin



AWS CodePipeline



Solano Labs

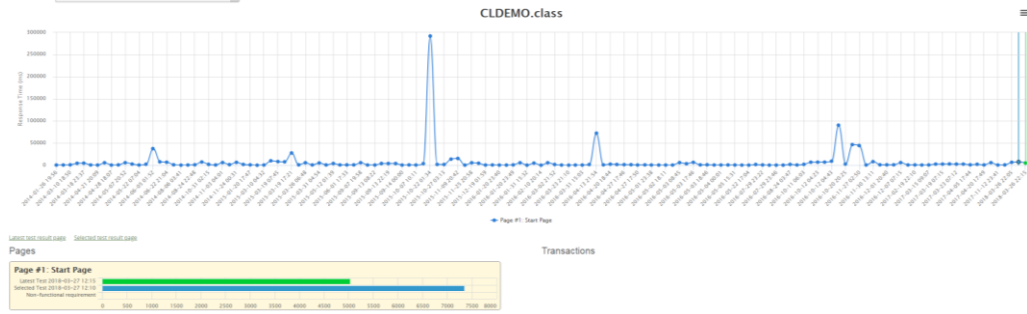


Bamboo

Continuous Integration

Project:    
Loaded Script:    
Test Instance:

Automate tests, create alerts, & track releases

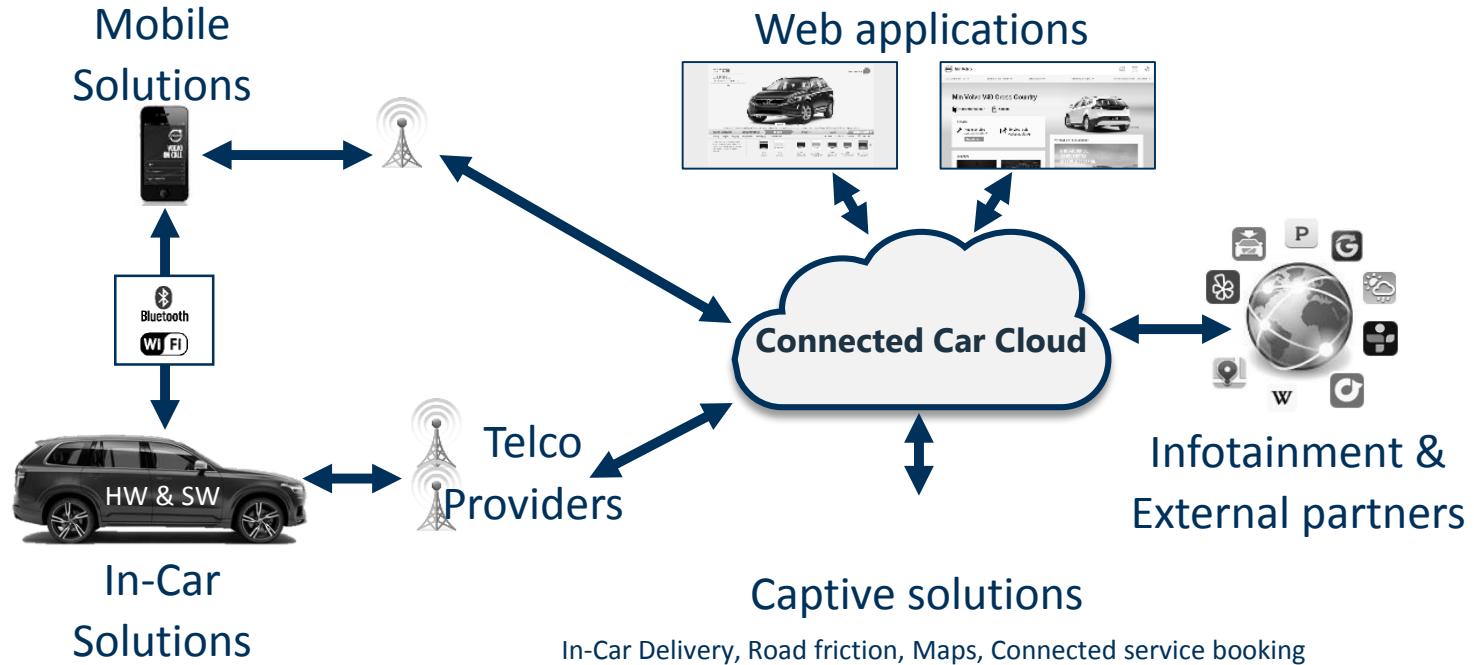


# Connected Cars

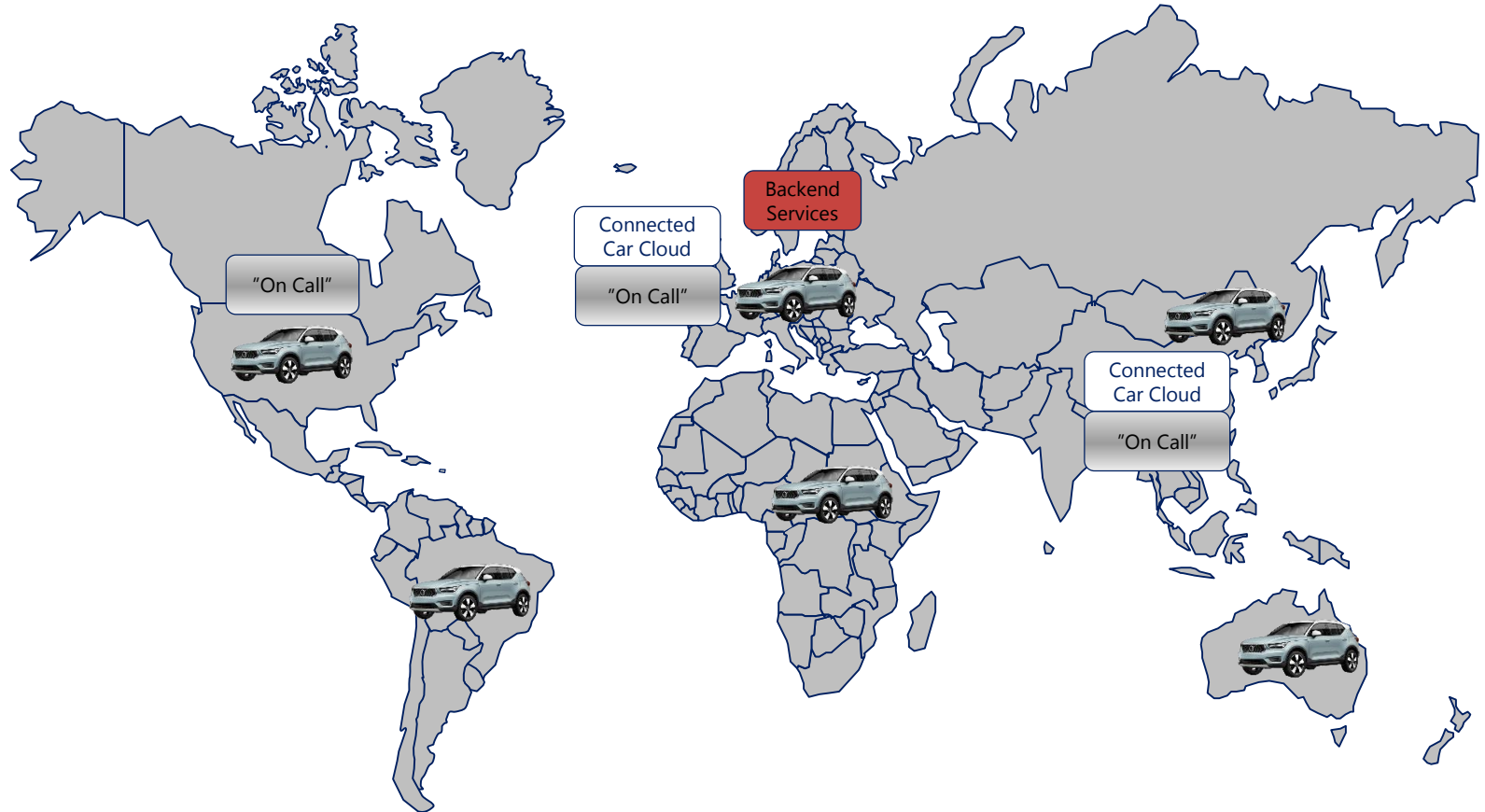
## Examples Preview



# A landscape of connected cars technology

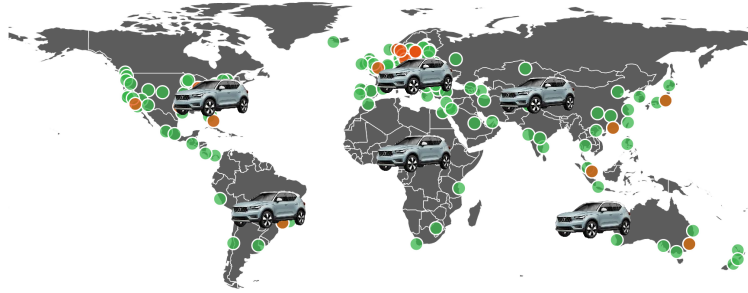


# Connected Cars GLOBALLY



# The Challenge

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Encryption in testing & monitoring  
- Certificate-based authentication



# Scripting In-Car DELIVERY



**Sign-up for In-car Delivery**



**Select time & approve access to your car.**



**Get notification when the delivery is done**



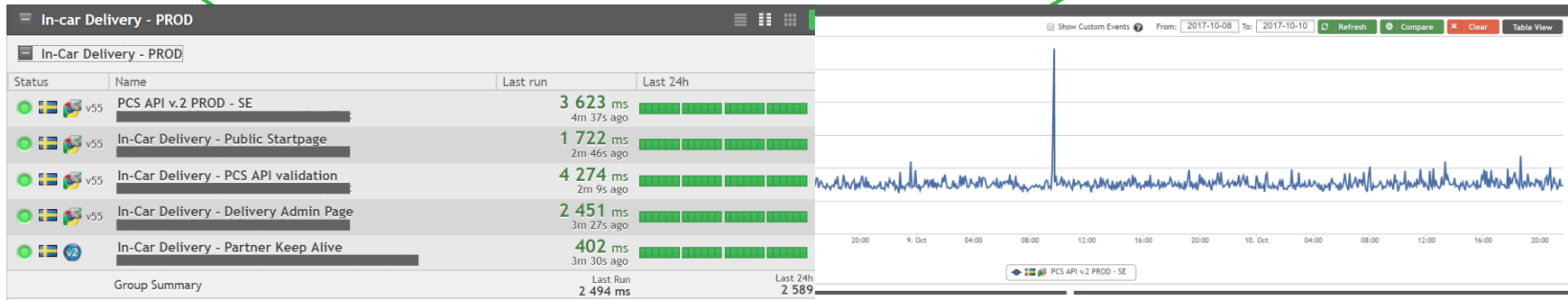
**Shop online and select In-car Delivery**



**Get a reminder on the day of delivery**



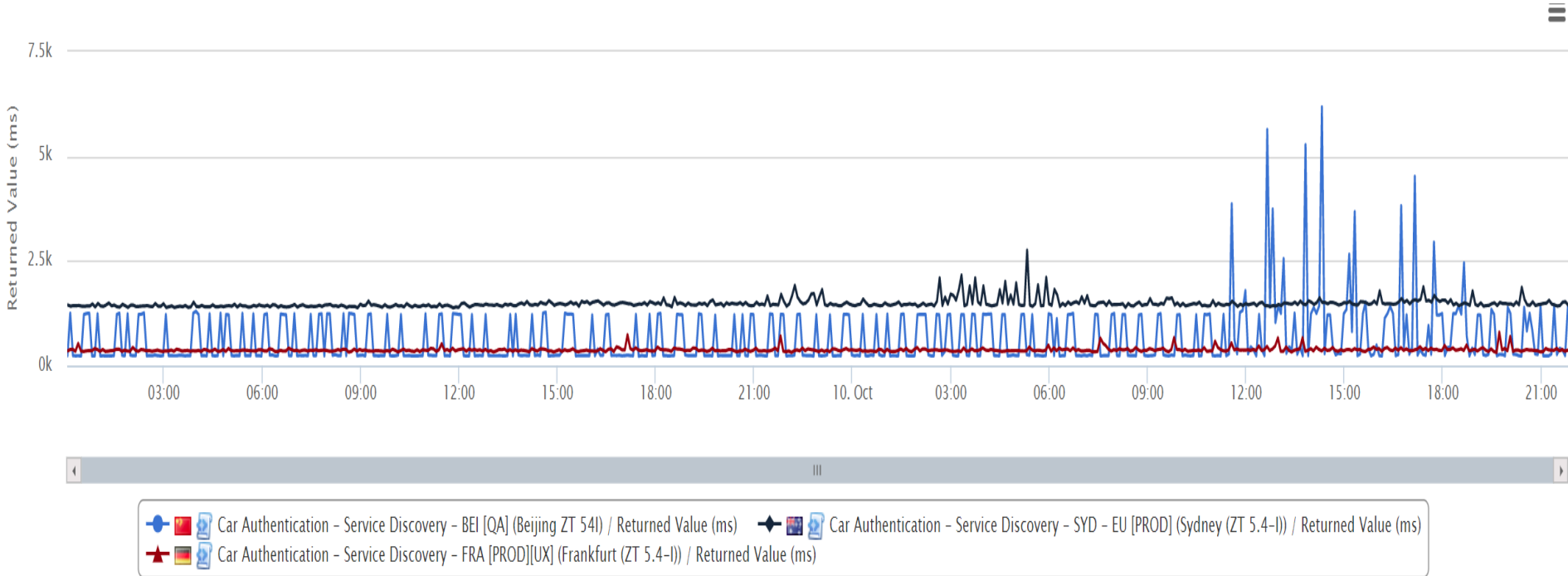
# Monitoring In CAR DELIVERY





# Monitoring Connected Safety





# Brief Demo of Apica LoadTest

