



NTS **BOXENSTOPP**

AIOPS ALS APPETIZER





```
{  
  "firstName": "Stefan",  
  "lastName": "Ronge",  
  "jobDescription": "Senior Systems Engineer",  
  "motivation": "Relax, we care",  
  "loves": ["Enterprise LAN", "DevNet", "AIOPS"],  
  "age": "33",  
  "team": "NTS Deutschland -> Team Bayern",  
}
```



NTS

```
---  
person:  
  firstName: Daniel  
  lastName: Kofler  
  age: 38  
job:  
  jobDescription: "Systems Engineer"  
  motivation: "Make IT infrastructure visible"  
other:  
  loves:  
    - Splunk  
    - Wireless  
    - Linux  
    - Containers
```



AGENDA

AI Ops – Was ist das?

Lab & Use Cases

Demo Time

Q&A

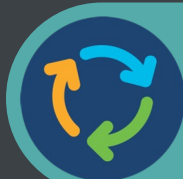


AIOPS – WAS IST DAS?

DAY 2 OPS CHALLENGES



Time-consuming
data collection



Difficulty with replication



Slow resolutions

MOVE TOWARDS AUTOMATED FAULT MANAGEMENT

What if you could speed your reaction time...



ThousandEyes



Predictive internet



From hours

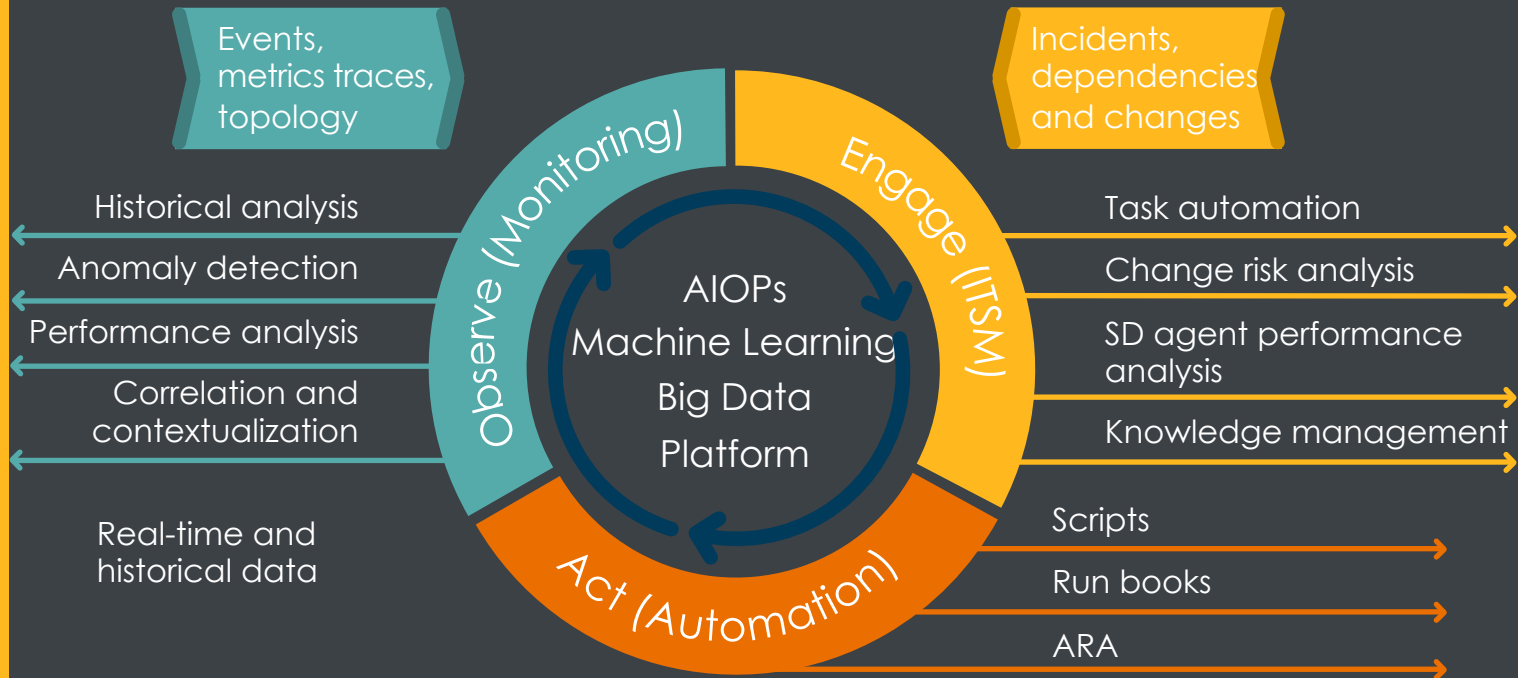


To minutes



To before it even happens?

WHAT IS AIOPS? A NEW CATEGORY OF IT OPERATION TOOLS



AIOPS

NTS

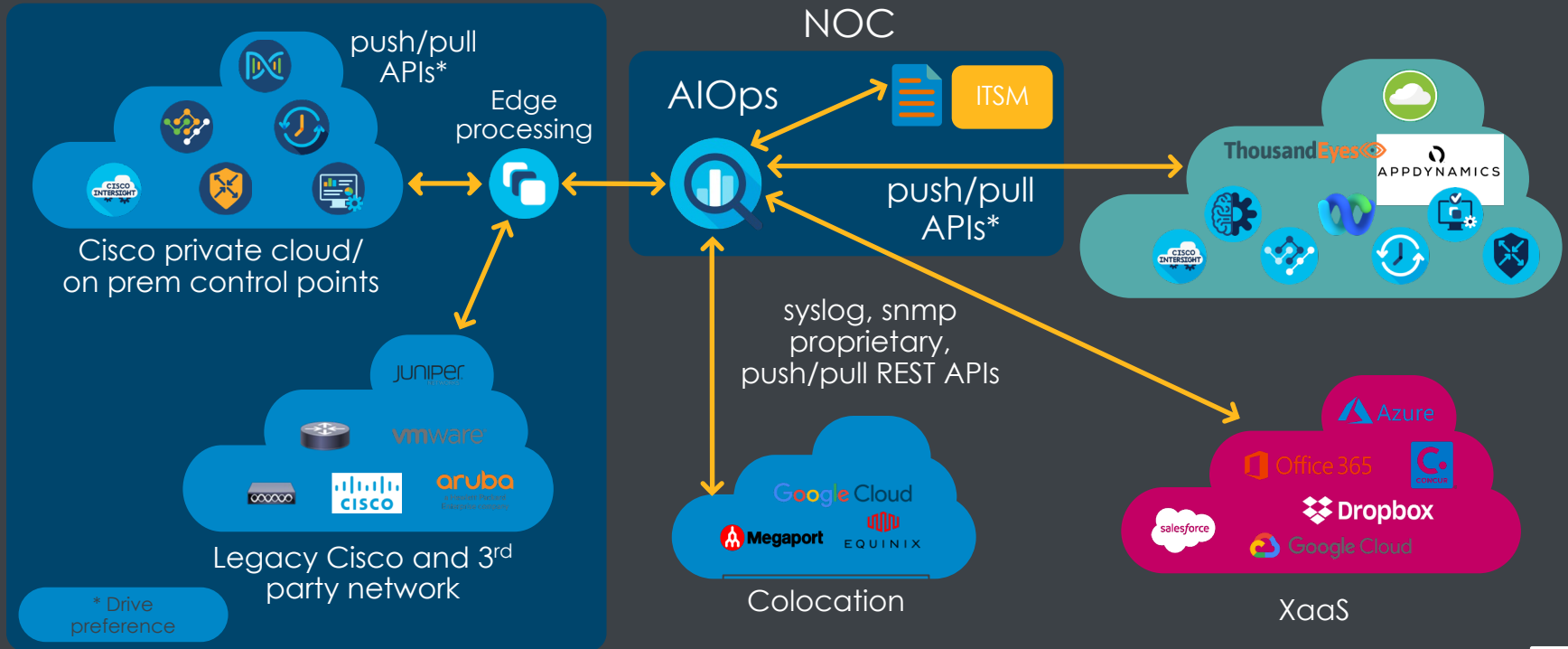
WHAT IS AIOPS? A NEW CATEGORY OF IT OPERATION TOOLS

Let algorithms
do more of this

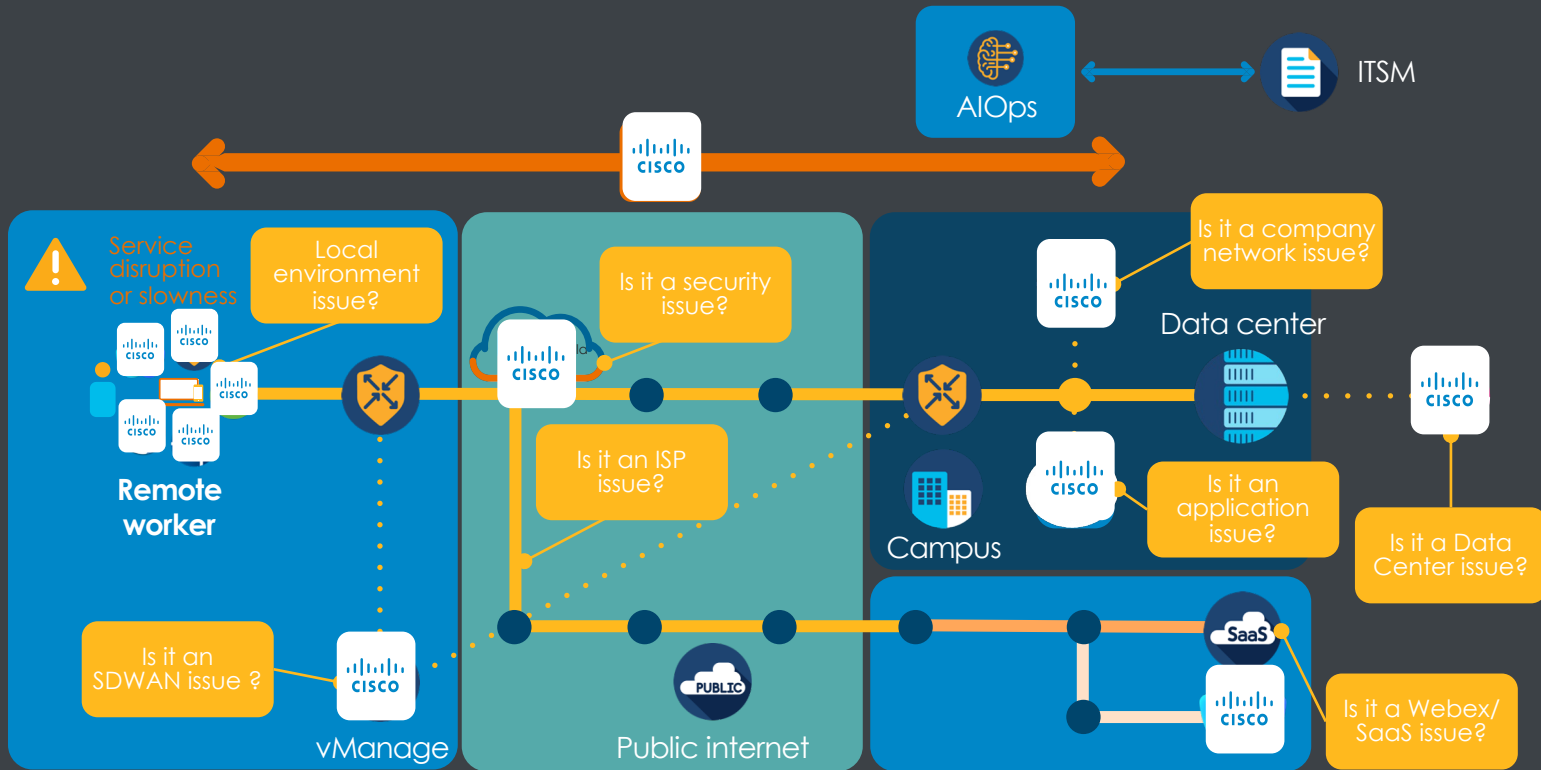
Incident management process	Humans	AIOps
Analyze millions of events	Hours	Secs
Correlate millions of events	Hours	Secs
Anomaly detection	Hours	Secs
Detect repeat anomalies	Hours	Secs
Create/update tickets	Mins	Secs
Troubleshoot tens of incidents	Mins	Assist
Determine root cause(s)	Mins	Assist
Restore	Mins	Secs
Learn from failure	Mins	Secs

Let humans
do more of this

THE BUILDING BLOCKS



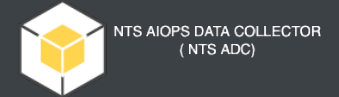
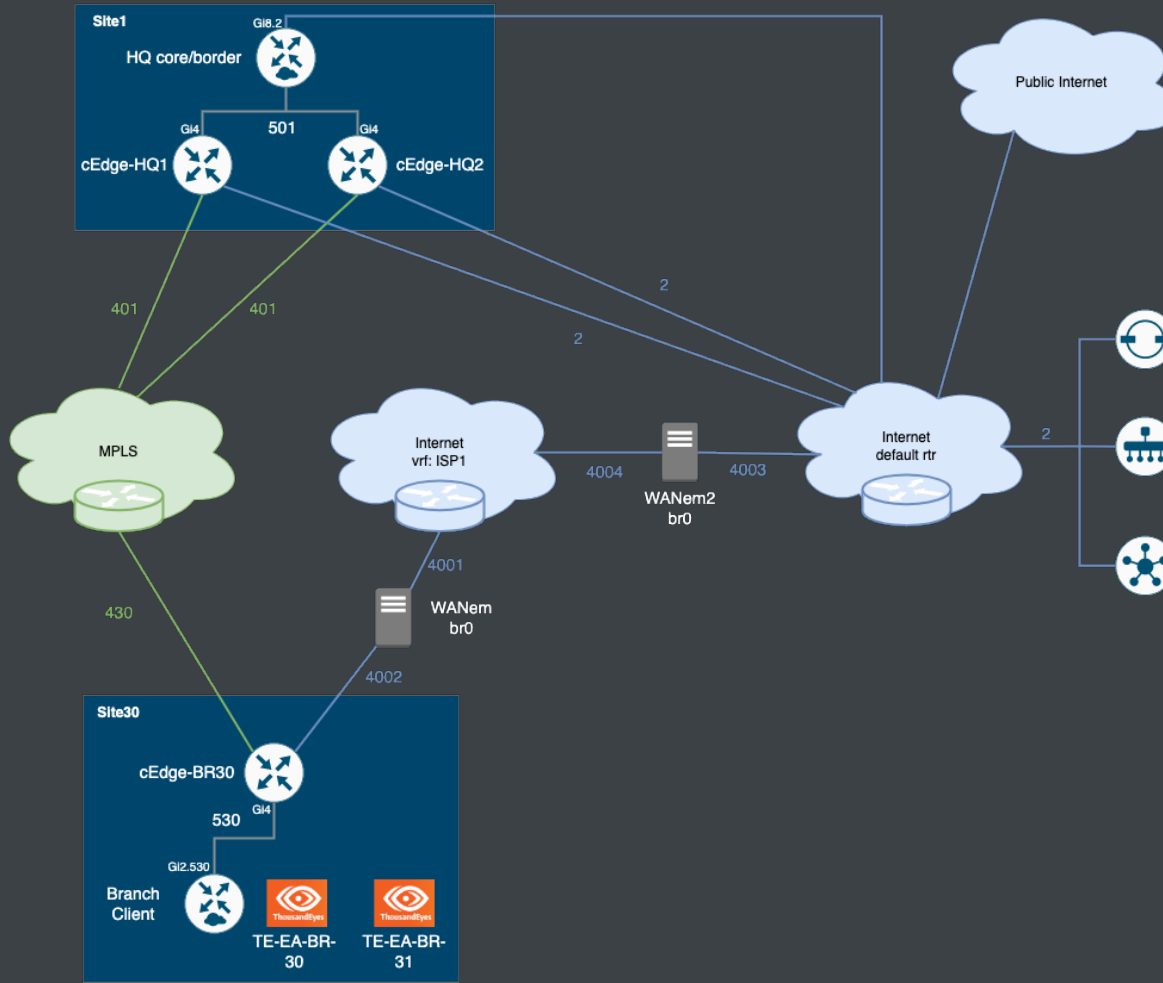
REAL LIFE INSIGHTS

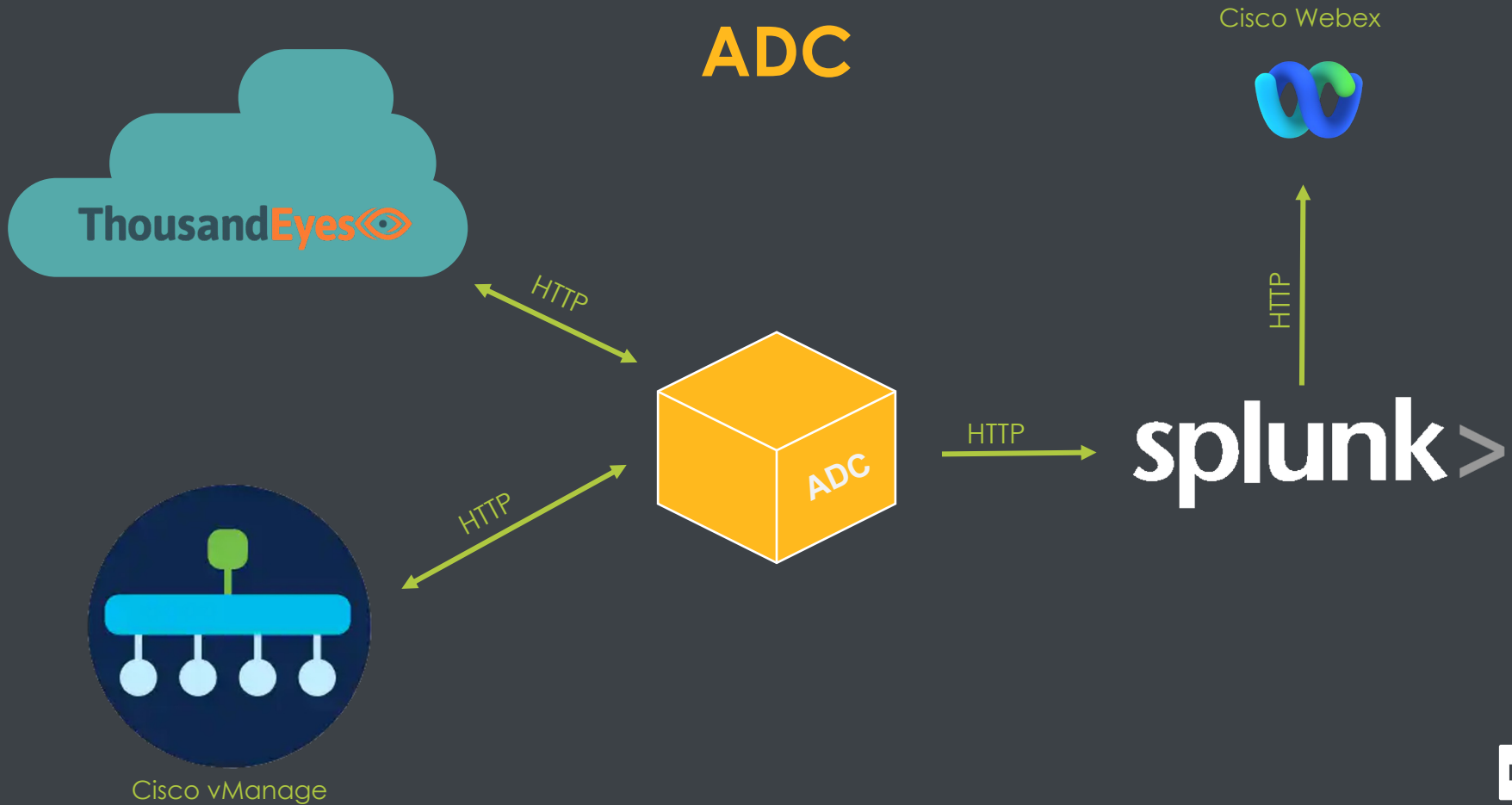


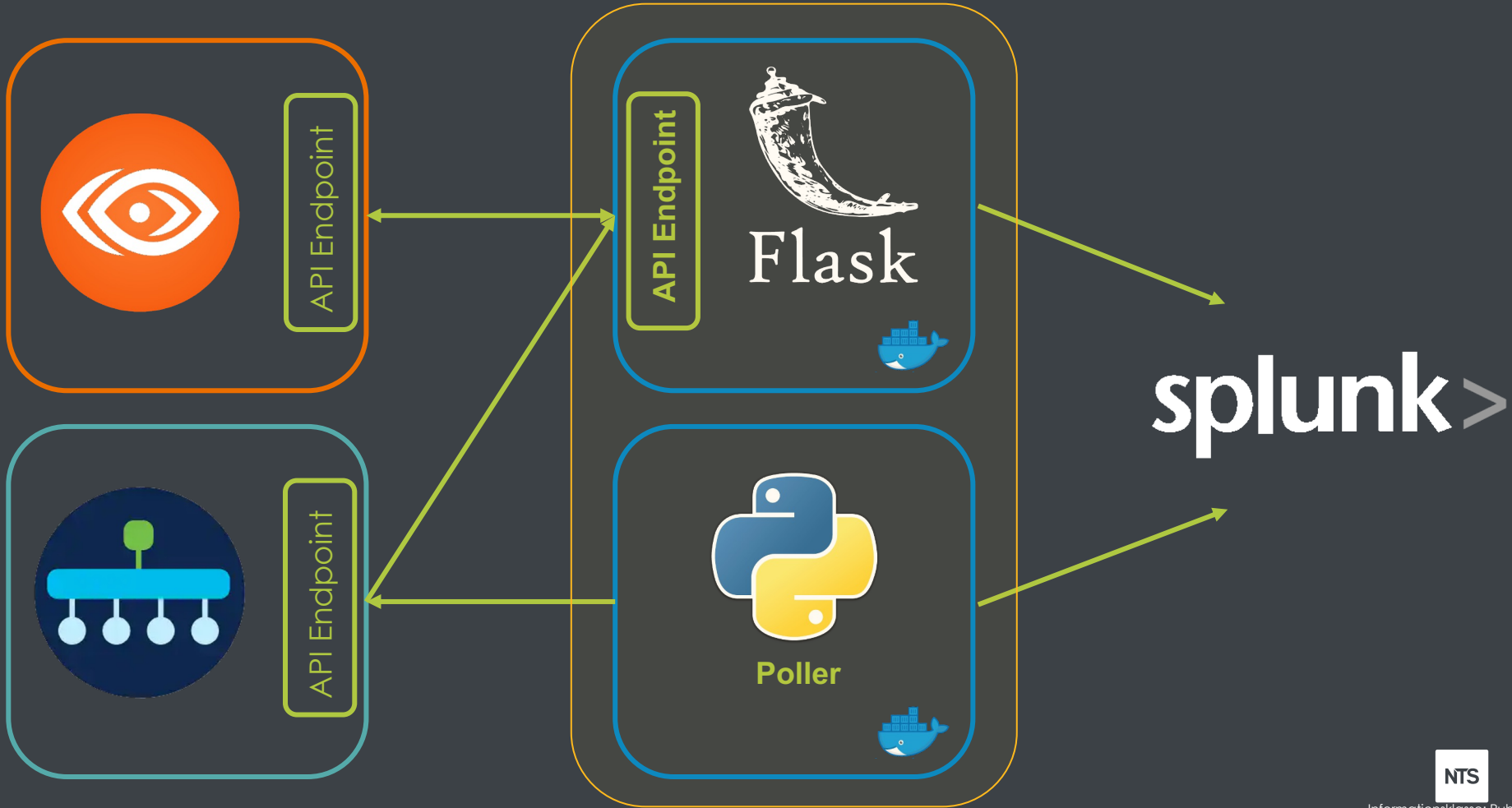


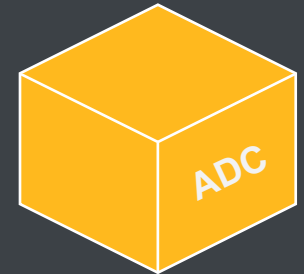
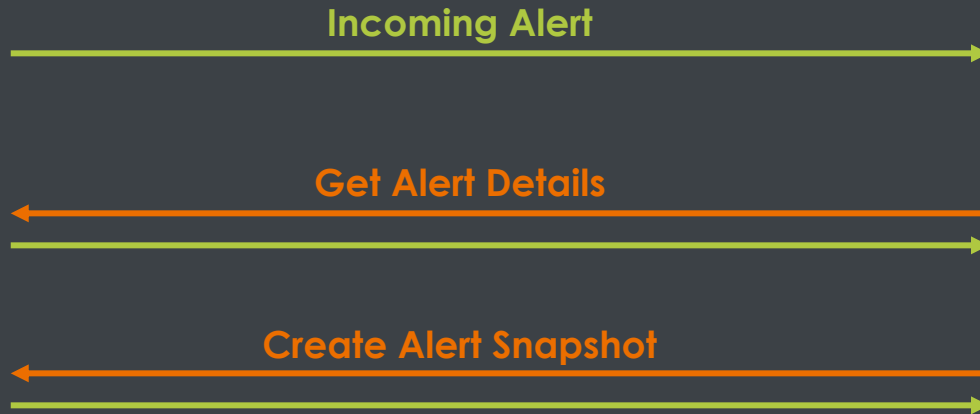
LAB & USE CASES

DEMO LAB SETUP



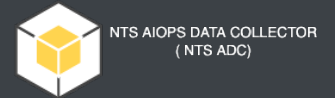
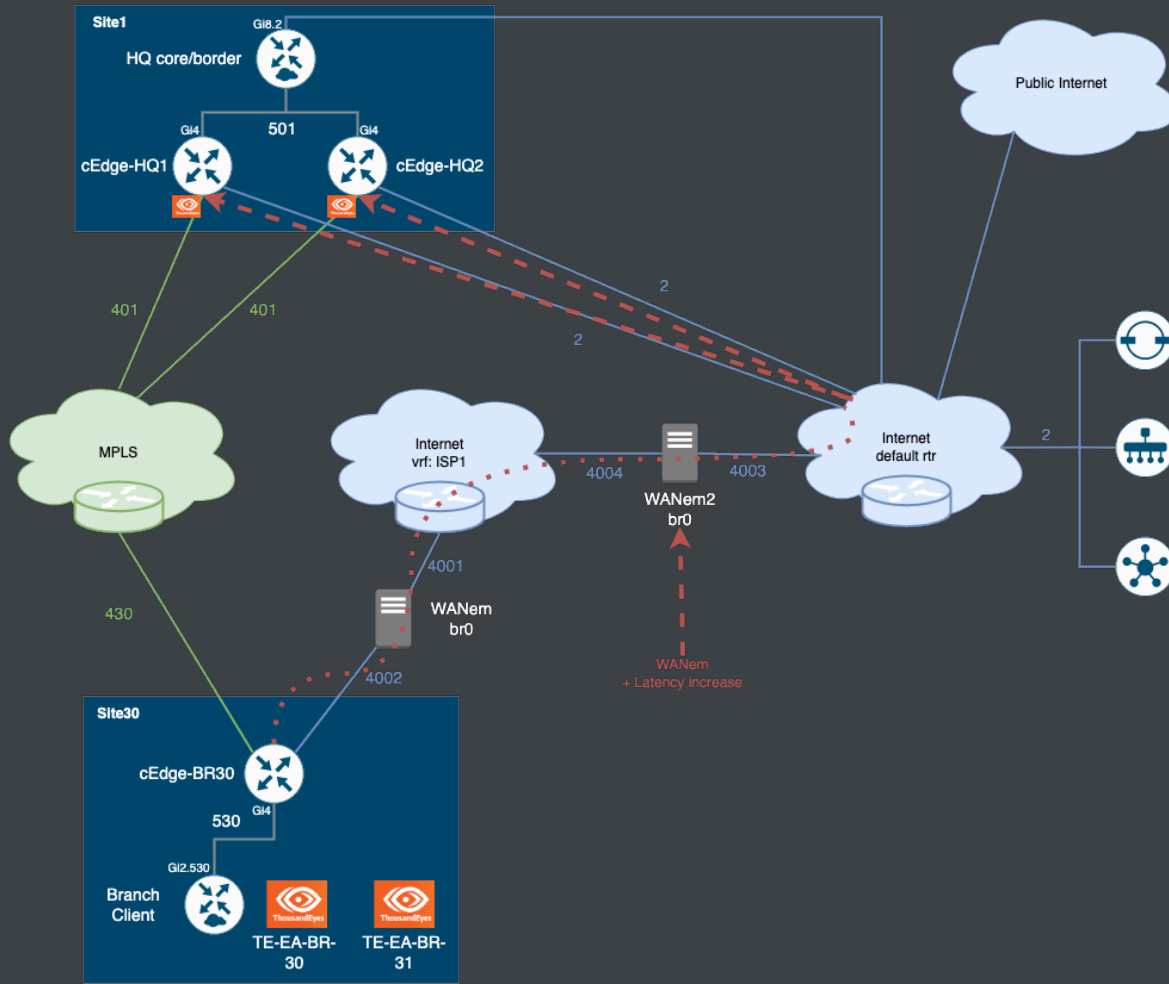







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  "alertId":126966308,
  "ruleExpression":"Any Hop: (Delay \u2265 200 ms)",
  "agentName":"te-ea-br30",
  "agentId":410491,
  "metricsAtStart":"Path Trace #1: (Hop #3: (Delay: 882 ms)),\nPath Trace #2:
  "ruleId":2274261,
  "ruleName":"MDA-BR30-WAN-TO-HQ-PATH-TRACE",
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  "eventType":"ALERT_NOTIFICATION_TRIGGER",
  "roundId":1655715780,
  "hopId":3,
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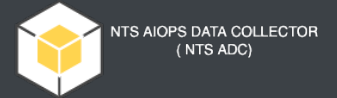
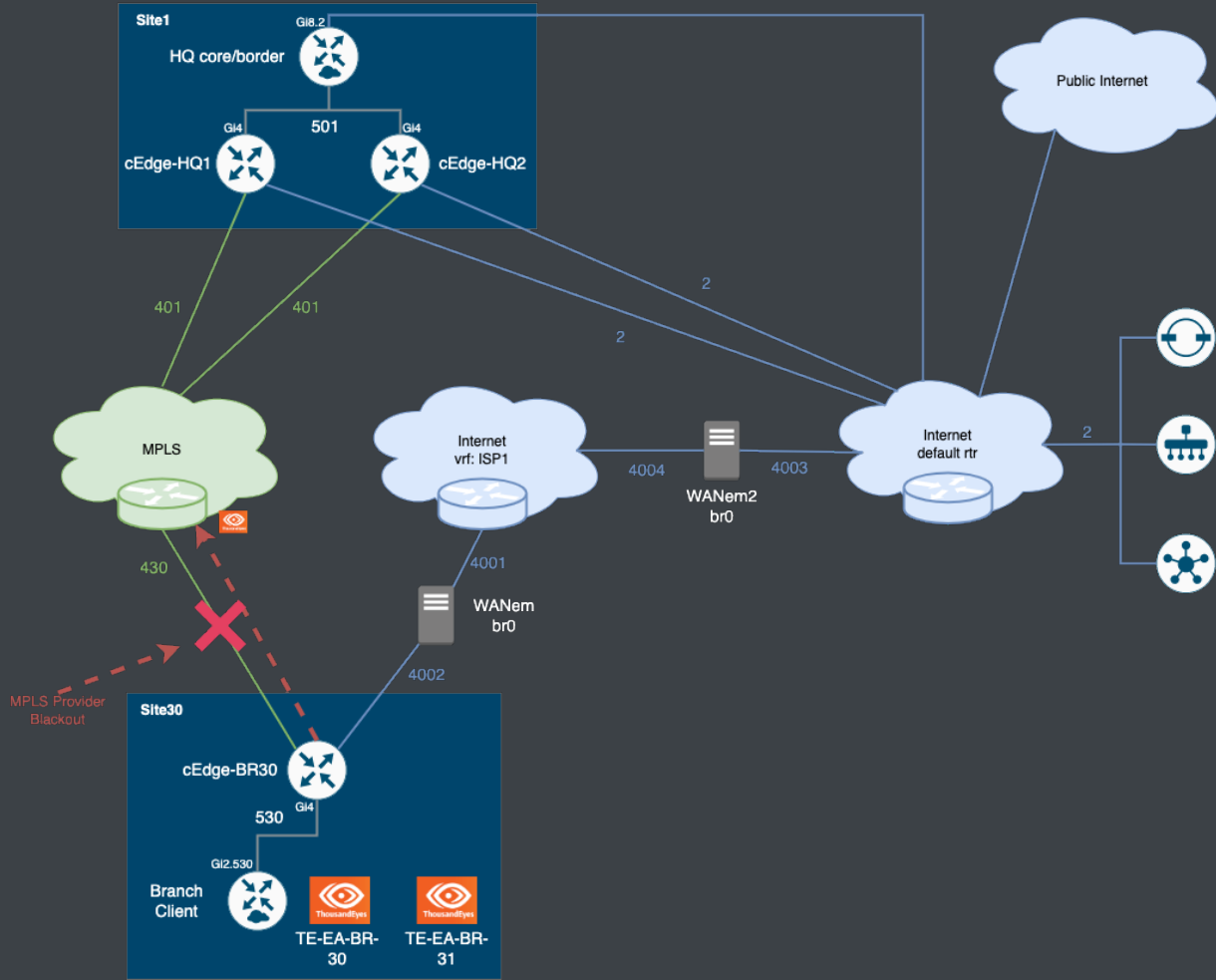
USE CASE 1 - BROWNOUT





DEMO TIME

USE CASE 2 - BLACKOUT





DEMO TIME



Q&A



END



NTS **BOXENSTOPP**

AIOPS ALS APPETIZER

