

KCI's Smooth Flight to the Cloud

Migrating to Maximo as a Service





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Agenda



About KCI



Project
Recap/Highlights



Why Did KCI Move
to MaaS?



How Did KCI Move
to MaaS?



What's Next?



Lessons Learned /
How to Prepare

About KCI

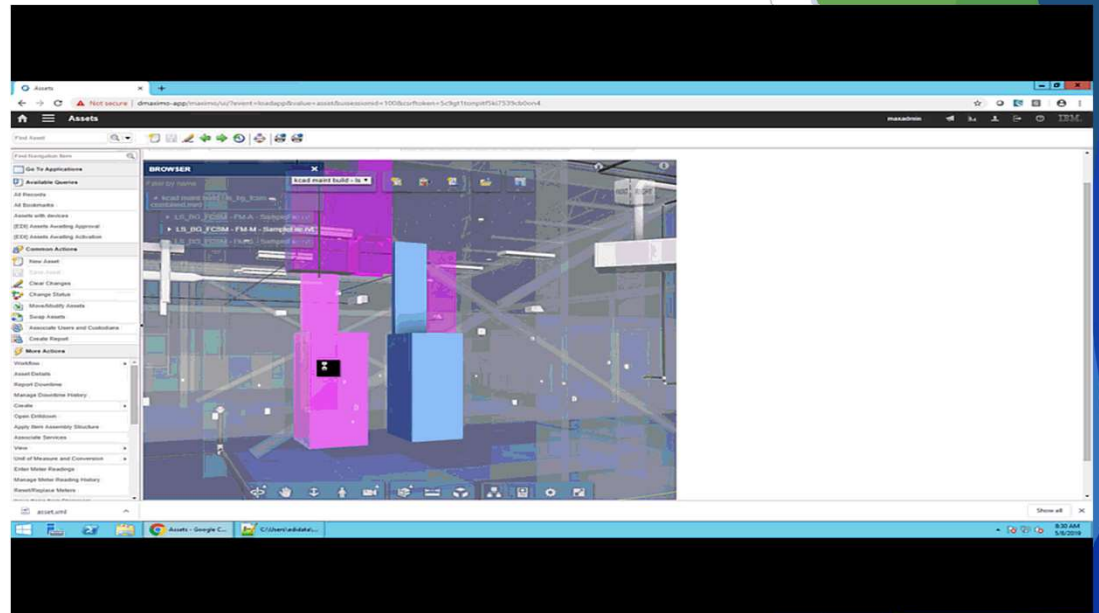
- ▶ Opened in 1972
- ▶ Owned and Operated by the City of Kansas City, Missouri
- ▶ The KCI complex spans more than 10,000 acres, and its three runways can accommodate up to 139 aircraft operations per hour.
- ▶ Uncongested air and ground space, short taxi time, and a low weather-related closure/cancellation rate are why KCI consistently ranks among the lowest in delays of all U.S. airports.
- ▶ Currently building a new Single Terminal to replace the 3 legacy terminals.



BUILD KCI

About KCI's Maximo

- ▶ Maximo Version 7.6.0.10 in PROD
- ▶ 80 users (primarily Craft Supervisors and Technicians)
- ▶ Primary Uses Are For:
 - ▶ Airfield and Terminal Inspections
 - ▶ Airfield and Terminal Work Order Management
- ▶ Implemented eSAM and BIM Integration including Forge Viewer
- ▶ Hosted on the Projotech Cloud with MaaS



Project Highlights



Maximo as a
Service Go-Live
8/17/20



Cutover
Occurred
Overnight with
NO Issues



Project
Completed in 2
Months Start
to Finish



Included
SAML /
Crystal
Reports



KCI
Resources
Effort Was
Minimal



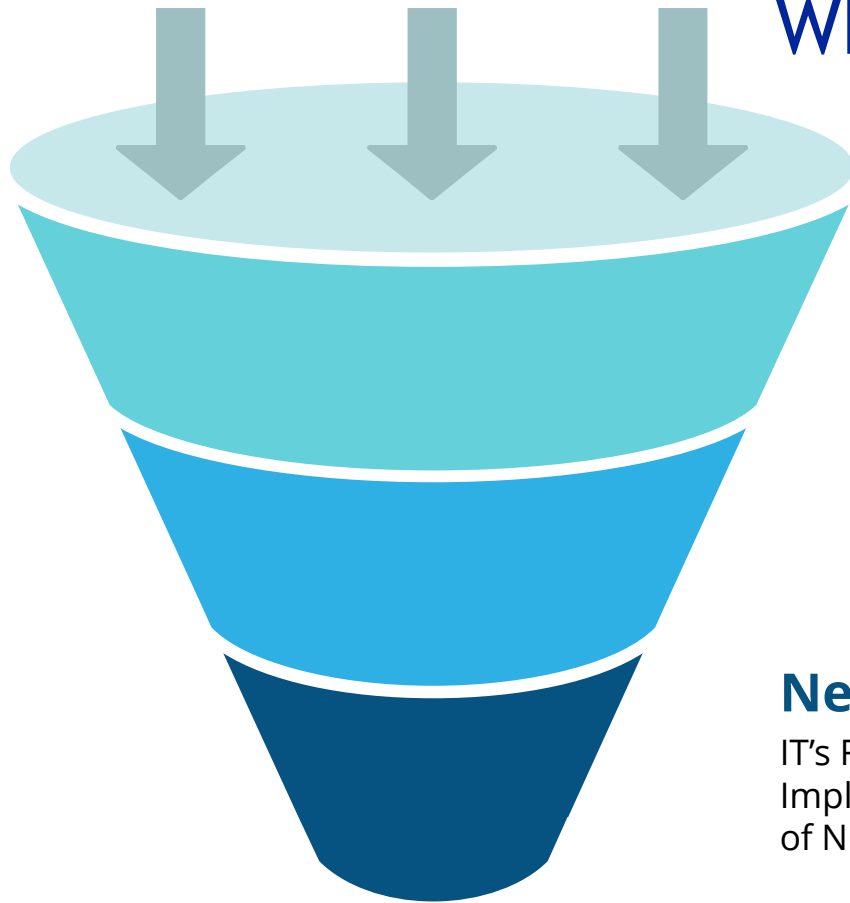
Why go to the Cloud?

- ▶ If I asked you what the primary purpose of the Kansas City Aviation Department, what would be your answer?



How Many of Moving Programs to the Cloud? IT Services?”

Why go to the Cloud?



Pandemic

Significant Concern
Over Future Revenue

Aging Workforce

Significant Concern Over
Experienced Resources About
to Leave the Organization

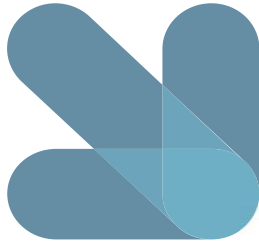
New Terminal

IT's Focus Needing To Be On the
Implementation of a Facility's-worth
of New IT Assets and Systems

**Internal Support of the Maximo System Was a
Risk Easily Mitigated By Moving to MaaS!**

Why go to the Cloud?

Reliability



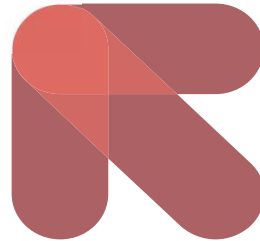
Security



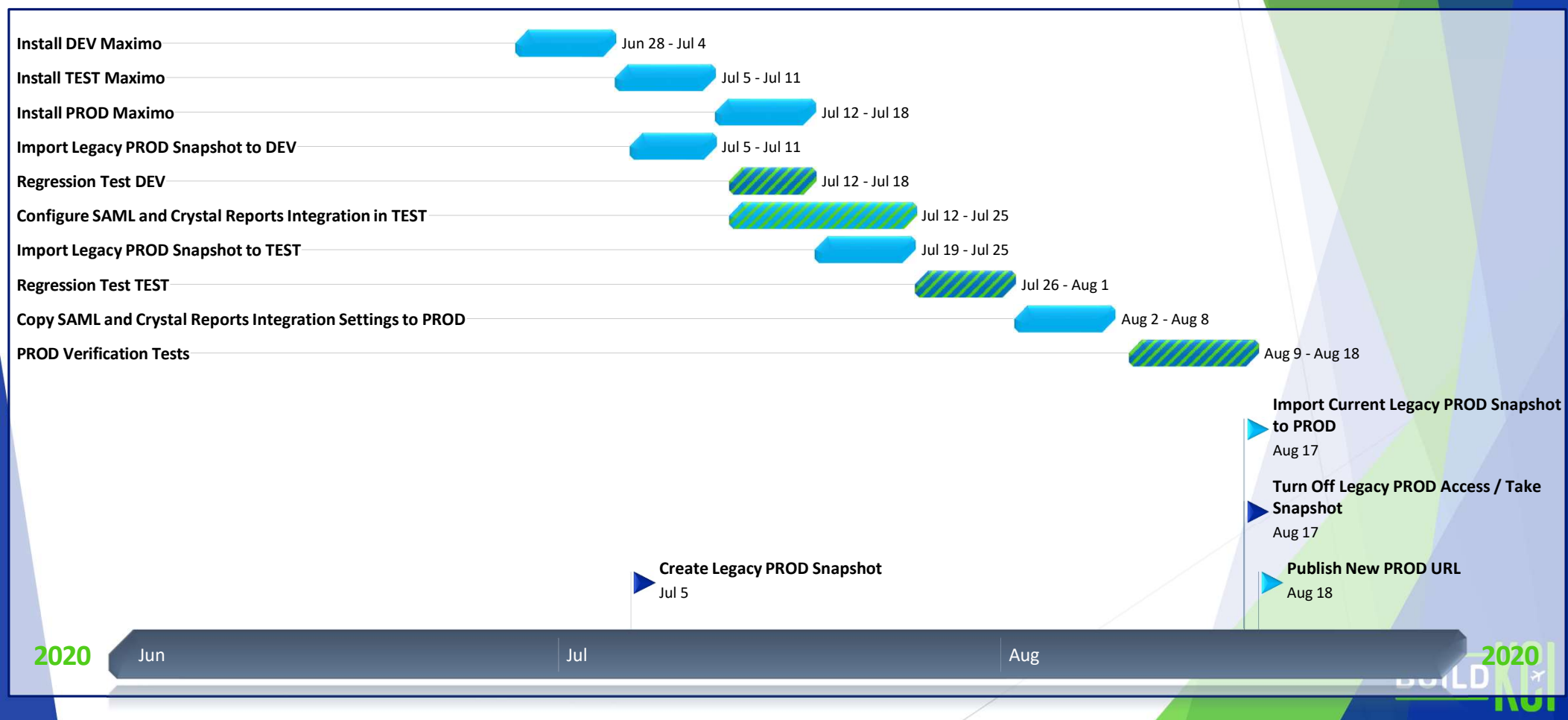
Scalability



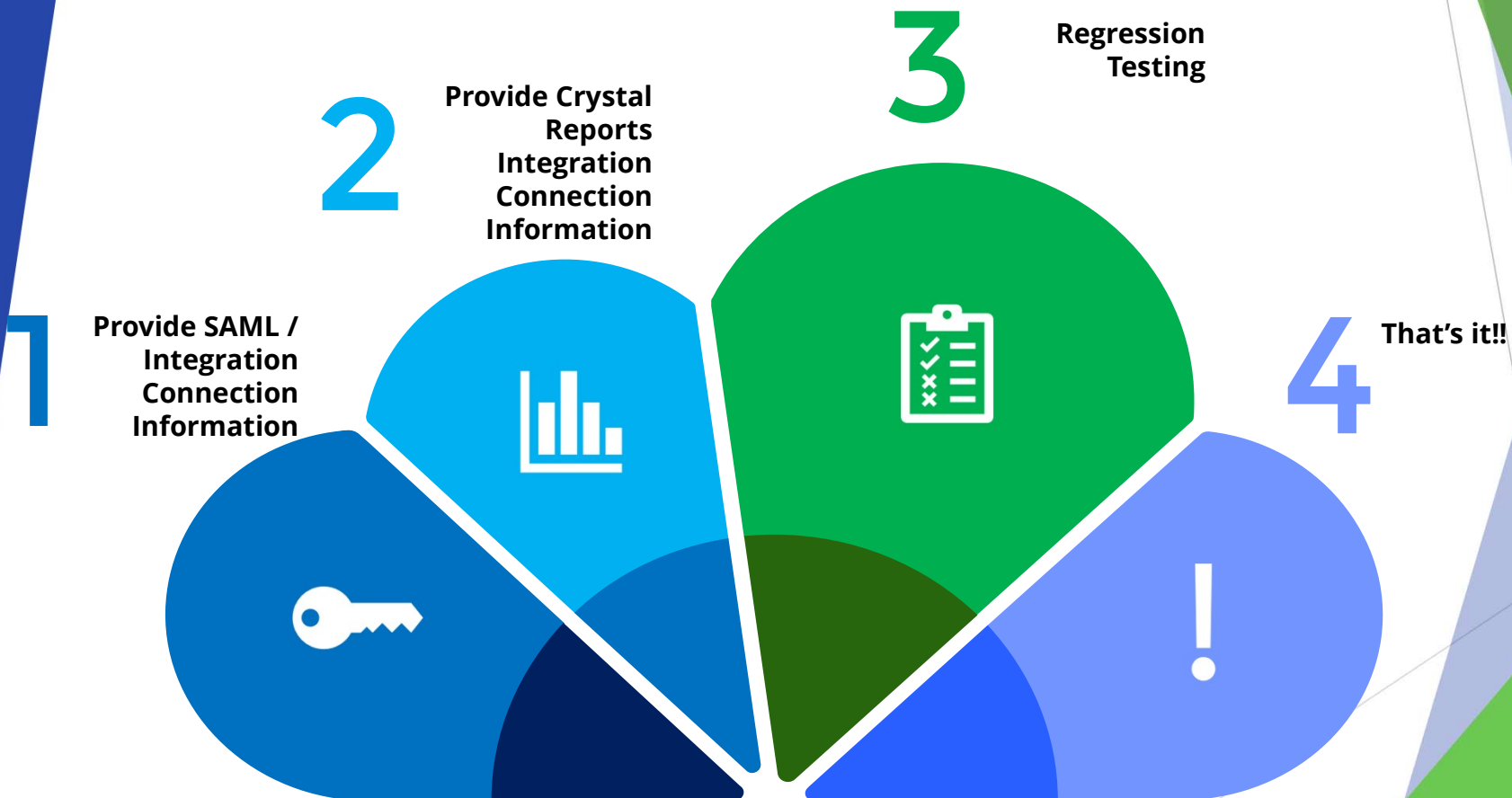
**Maximo
Upgrades
/ Patches**



Migration Process



KCI Tasks



Why So Smooth?



Projotech Process Really Is That Simple



KCI Had No Customizations and Minimal Integrations



KCI Network Resources Were Made Available When Needed



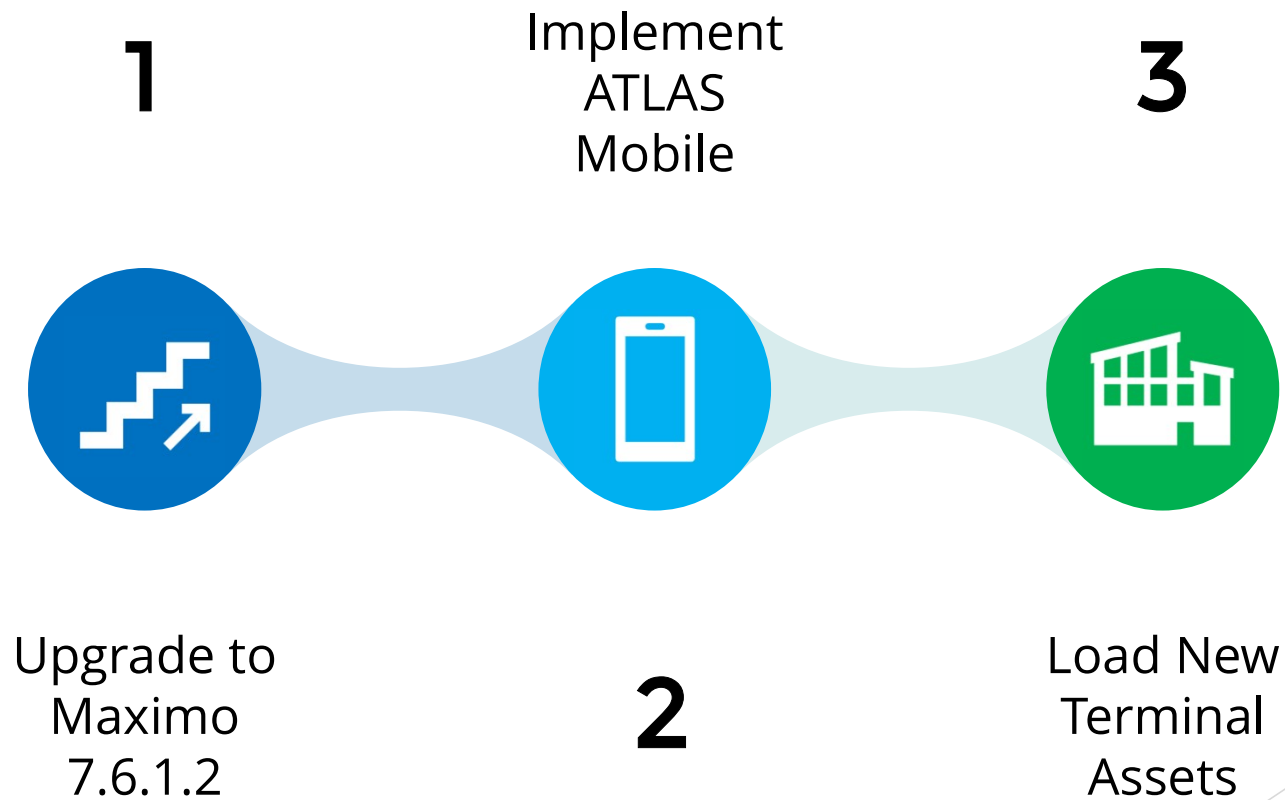
Regression Testing Was Performed In Timely Fashion



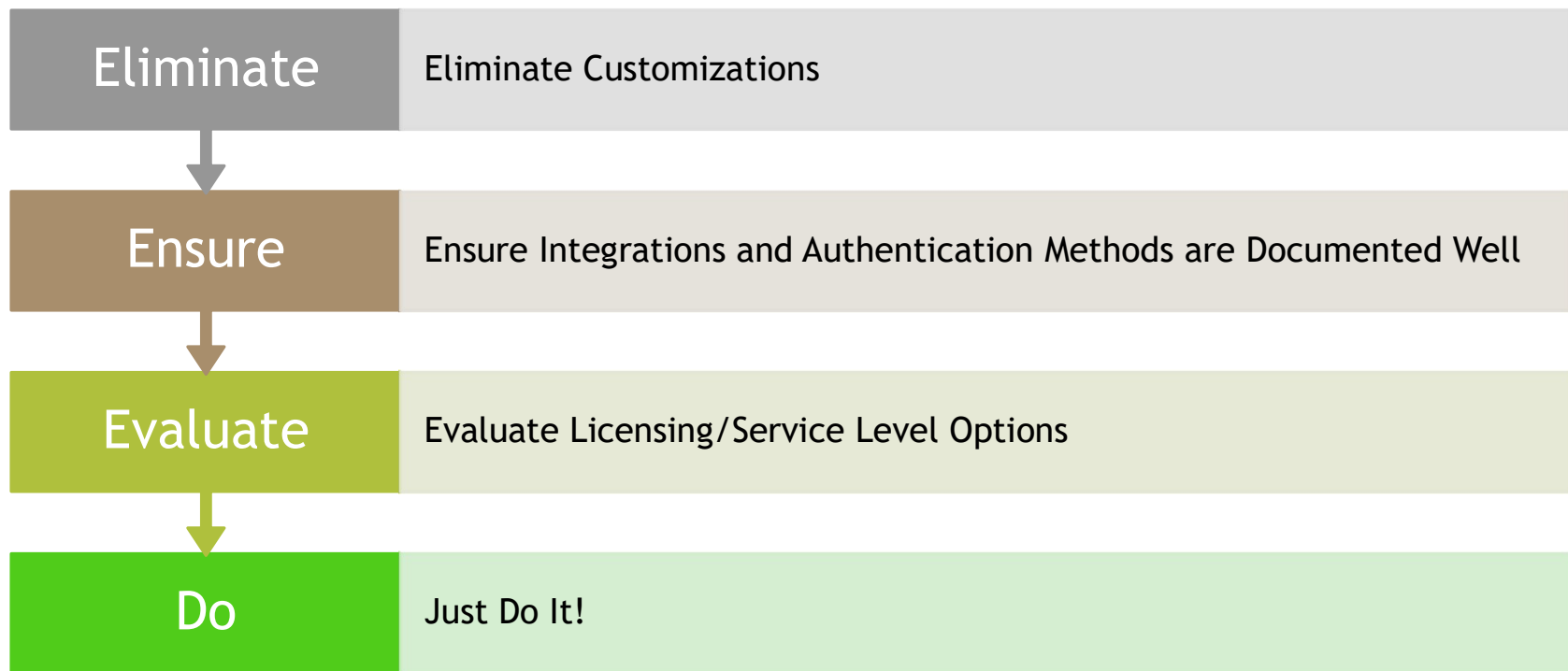
Life After Migration

- ▶ Annual Direct Costs for Software (SaaS Subscription vs. License Maintenance) Increased by About \$80k
- ▶ Conservative estimates say they've avoided approximately \$150k in internal costs during the first year since moving to the cloud:
 - ▶ Hardware/Infrastructure Costs
 - ▶ Disaster Recovery, SLA, Compliance Support
 - ▶ Business Unit/IT Communication and Support
 - ▶ Middleware Annual Fees/Support
 - ▶ Infrastructure Service Fees/Annual Internal Support
 - ▶ CyberSecurity Annual Fees/Support
- ▶ There have been two unplanned outages since migration, both due to uncommunicated changes to authentication pathways and both actually reported to KCAD BY PROJETECH!
- ▶ KCAD IT has lost 30% of their staff with no backfills and there has been zero impact to Maximo's availability or capability.

What's Next?



How To Prepare for Your Move to the Cloud





Questions?

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Thanks for attending!