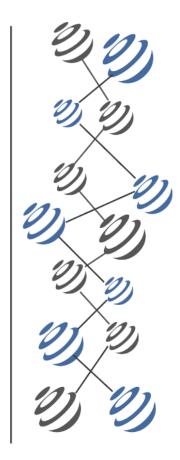
Leading Business Transformation Through IT Agility

Lessons from G6 Hospitality's journey to cloud

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G6 Hospitality's Journey to Cloud

Project IT 2.0 - Reinventing Economy Lodging Platform through Agile IT

Background	2016	2017	2018 & beyond
Traditionally taken "tech- conservative" approach in support of simple brand promise.	Business review determined key strategic goals.	Layered focus for successful migration: Business Alignment, Partnerships, Methodology, Environment, Team	Live on Microservices architecture, API Gateway, Couchbase and containers running on OpenShift PMS platform expansion
High property-direct business and static pricing.	Legacy systems wouldn't meet needs. An increase in Option Value was needed.	Targeted Core Systems and Architecture	(Manager, Housekeeping and Maintenance), DRS Expansion (Call Center, OTAs, Websites, Mobile Apps)
Industry dictated the need to transform key technology platforms to remain competitive.	IT 2.0 plan defined core technology tenets and target state.	HotelKey PMS (Production), Above Property DRS (Active Migration) and Foundation Services (Design and Build)	Expanding Cloud (HCM, Finance, Messaging, Storage, QA and Automation)



Results & Business Impact To Date

 $\label{eq:constraint} \begin{array}{l} \text{DevOps} \rightarrow \text{Innovate,} \\ \text{build, and test faster} \\ \text{with lower cost, lower} \\ \text{risk} \end{array}$

Swift code deployment via service shell automation

Increased code consistency and repeatability, reducing time to generate by 80%

-30 days

 $\begin{array}{l} \mbox{Security} \rightarrow \mbox{Consistent} \\ \mbox{architecture and best} \\ \mbox{practices} \end{array}$

Use of the AWS Marketplace for new services and features

Reduced the acquisition and implementation of products by 30 days

50%

 $\begin{array}{l} \textbf{Booking} \rightarrow \textbf{Increased} \\ \textbf{stability booking and} \\ \textbf{OTA interface} \end{array}$

Reduced OTA reservation sync errors and manual correction by >50%

MTTR of Front Desk hardware failure a fraction of previous

200

Infrastructure → Reduced technical debt, power consumption and maintenance costs

On track to retire over 200 aging on-prem services

Nearly 100 legacy data center systems retired to-date

100%

Business Continuity → Unprecedented Platform stability and reliability

Robust AWS infrastructure and architecture

100% uptime of our core DRS platform and services since deployment in 2017



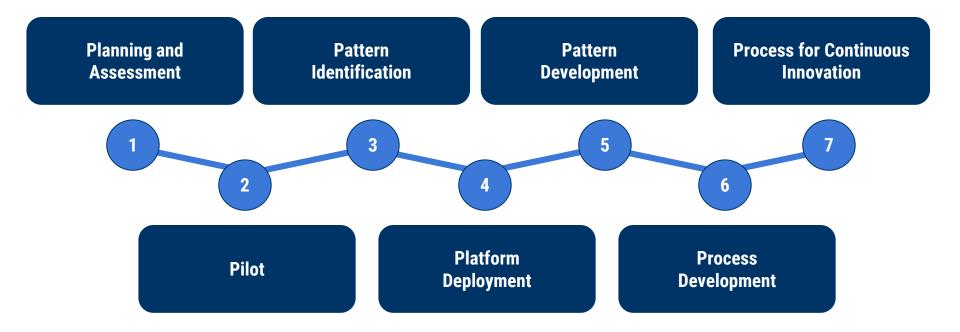
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Lessons Learned



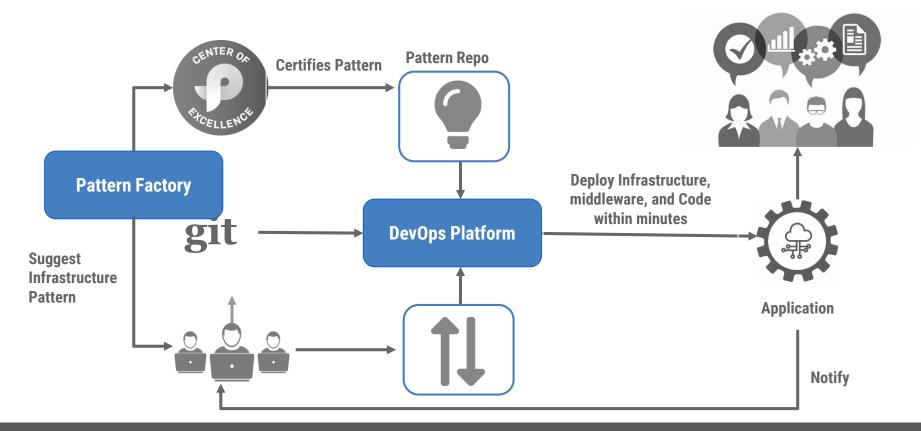


Phases of Agile IT





Enabling DevOps at Scale using Repeatable Patterns





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