# Splunk Cloud at BBC Worldwide:



#### Agenda

- Introduction
  - BBC Worldwide
  - BBC Store
  - My Role
    - Pre & Post Live
- BBC Store Operational Priorities
  - Why Splunk Cloud?
- BBC Store Splunk Cloud Journey
  - High Level Solution Design
- Operational Intelligence
  - Splunk Mint
- Business Intelligence
- BBC Store Splunk Cloud Roadmap
- Q & A

#### BS-2008



#### Service orientated dashboard

- Frequency Monthly
- Review Period Monthly
- Effort 1 Week
- Systems 6
- Output MS Excel
- Trending 3 months
- Troubleshooting Limited

#### Introduction









B B C CANADA



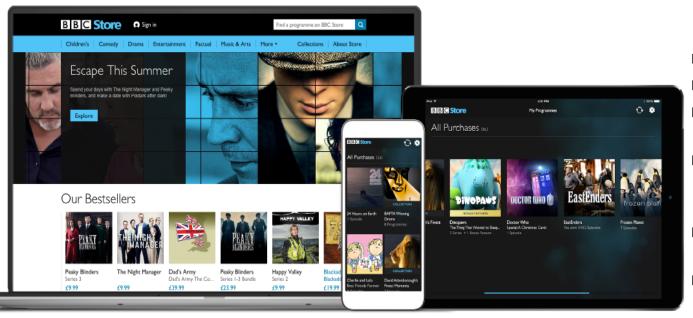








# B B C Store



- Launched Nov 2015
- BBCStore.com (UK Only)
- Transaction video on demand service
- Buy BBC produced content - Episodes & Series
- Streaming and download to own (DTO)
- Responsive Web, iOS, Android, Windows 10

#### Video On Demand Platforms



Subscription video on demand (SVOD)

 Monthly payment unlimited streaming



Transaction video on demand (TVOD)

- Pay per episode \ series

# My Role



# Why Splunk Cloud?



# **Operational Priorities**



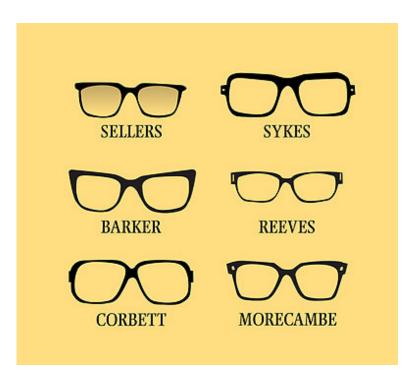




**Alerting** 



**Troubleshooting** 



We needed a solution to give us end-to-end visibility into the customer journey

## BBC Store's Customer Journey

Each part of the journey has a different supplier



# Why splunk > cloud?



Speed of implementation ahead of BBC Store launch

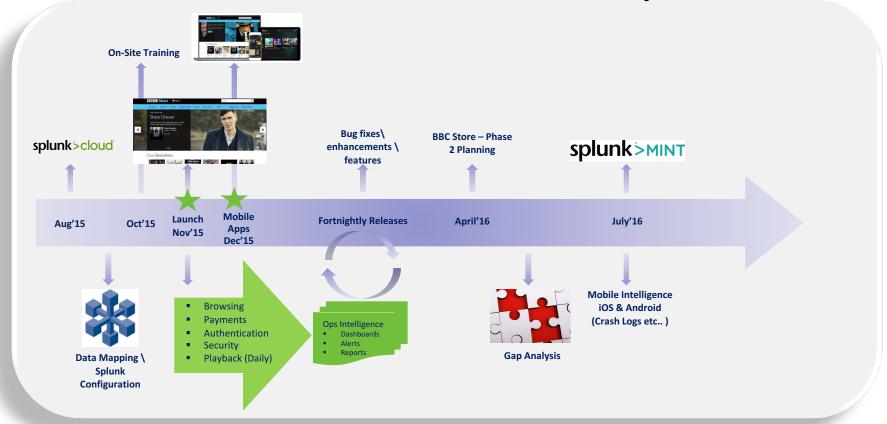


No technical resources in the team to manage infrastructure

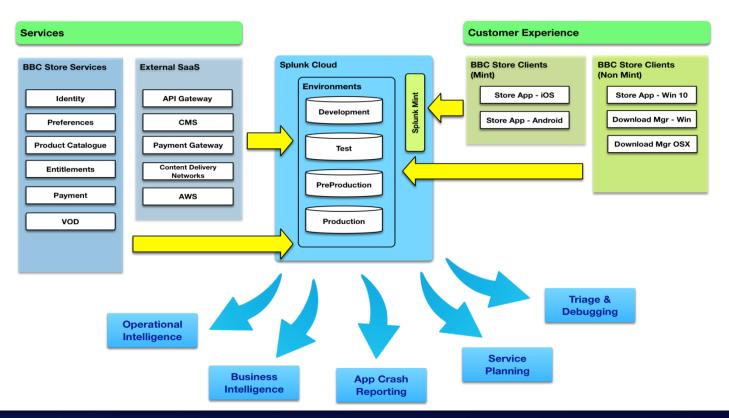


User interface, dashboards and visualizations – needed a solution for non-technical users

## BBC Store – The Journey

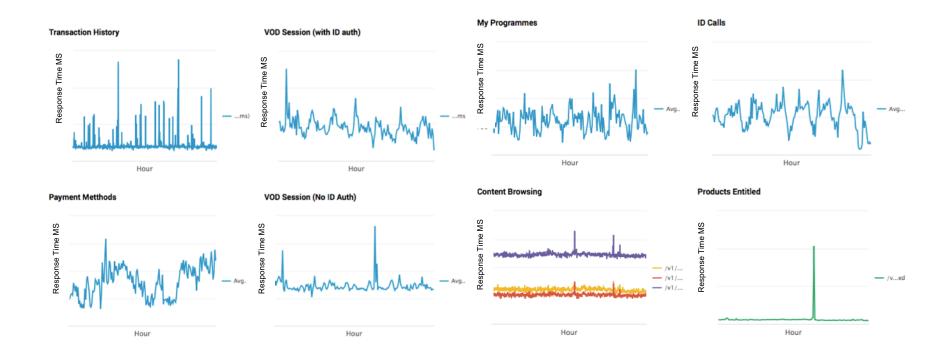


# Splunk Cloud – Solution Design





# Performance Monitoring – Response Times

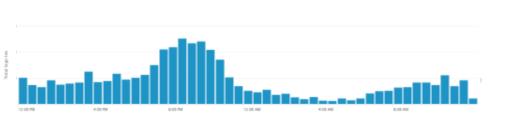


#### Authentication

**New Store ID Registrations** 

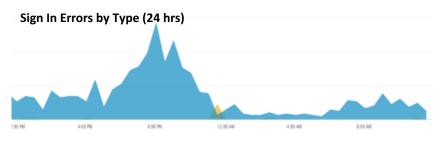
Successful Sign In - 24 hrs

332











## **Payments**





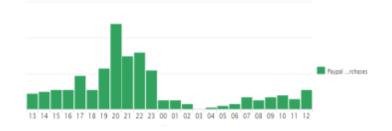
#### Purchase Finalize Success

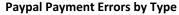


#### Top Payment Method in Last 24 Hours

	Payment Method 0	Percentage 0
1	CreditCard	54.41%
2	PayPal	42.11%
3	E-WALLET	3.47%

#### Successful Paypal Purchases in 24 Hours







# Payment Journey - Insights

#### **Non UK - Payment Errors**



# BBC Store Splunk Mint

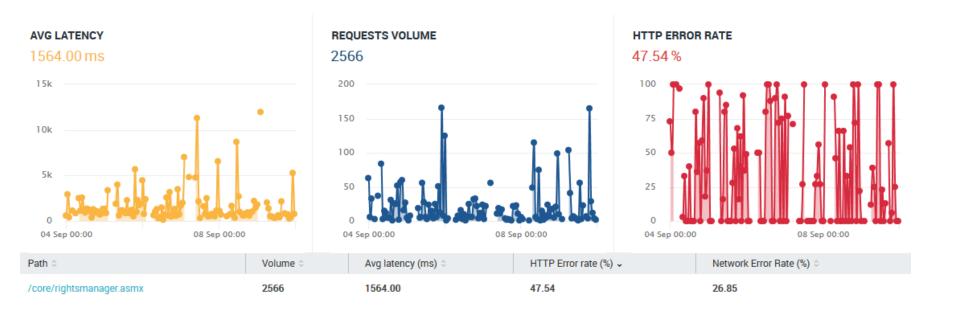


# splunk > MINT

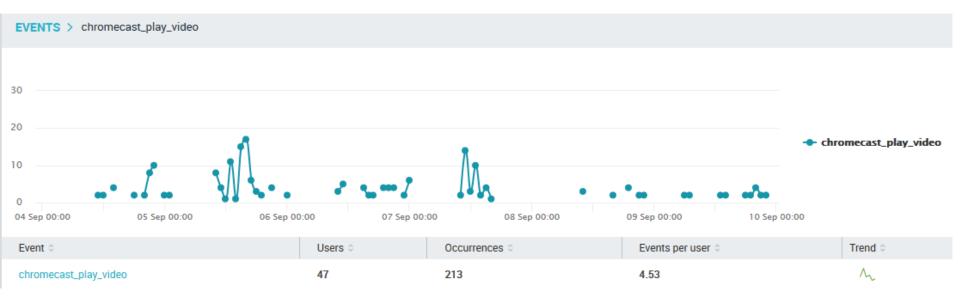
			_
ALL DATA > / =			U
USERS	CRASH RATE	AVG LATENCY	3
3976	6.49 %	612.83 ms	
ANDROID > / =			
USERS	CRASH RATE	AVG LATENCY	
1354	10.76 %	440.27 ms	
IOS > / =			
USERS	CRASH RATE	AVG LATENCY	
2622	2.21 %	785.38 ms	



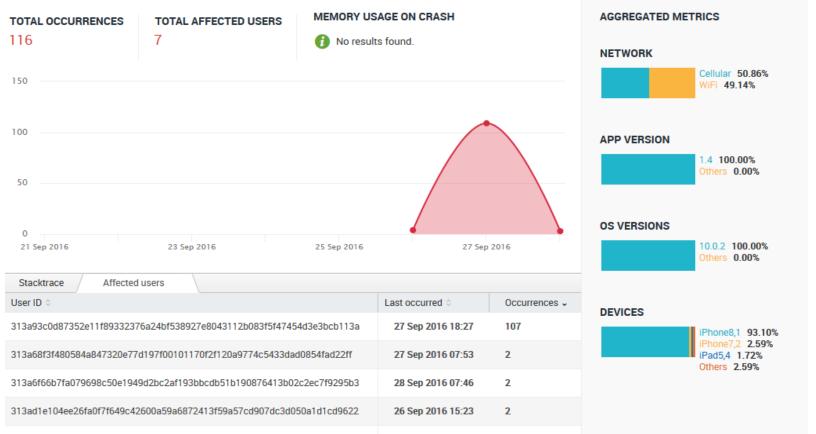
#### **Errors - Download**



## Product Management - New Features Chromecast

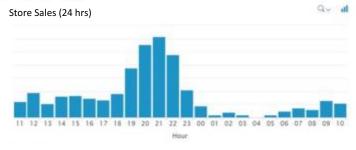


#### iOS App Release yesterday

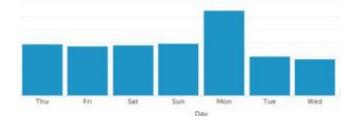




#### Reports for Marketing and E-Commerce



#### Store Sales (7 days)



#### Assets sold by revenue (24 hrs)

	Programme Title 0
1	Line of Duty - Series 3 - SD - Ep 1 - Episode 1
2	Line of Duty - Series 3 - SD - Ep 2 - Episode 2
3	The Night Manager - SD - Ep 6 - Episode 6
4	The Night Manager - SD
5	Undercover - SD - Ep 1 - Episode 1

#### Top Coupons Used in Last 24 Hours

	Coupon Type 0	Percentage 0
1	Coupon NOWDIGITAL: 50% Off with BBC Store	38.10%
2	Coupon RAIL50: 50% Off Rail Offer	14.29%
3	Coupon CS25: 25% off BBC Store	9.52%
4	Coupon BOGOFD: 2 for 1 on Detectorists	9.52%
5	Coupon BBCSTORE10: 10% off BBC Store	9.52%
6	Coupon WELCOME50: Welcome to Store offer	4.76%
7	Coupon BOGOFL: 2 for 1 on Luther	4.76%
8	Coupon BOGOFFT: 2 for 1 on Fawlty Towers	4.76%
9	Coupon BOGOFDIP: 2 for 1 on Death in Paradise	4.76%

#### Top 10 Assets Refunded - 7 Days

	Programme Title 🗘
1	The Night Manager - SD
2	Line of Duty Series 1-2 Bundle - SD
3	Line of Duty Series 1-3 Bundle - HD
4	The Fall - Series 2 - SD
5	Line of Duty Series 1-3 Bundle - SD
6	The Night Manager - HD
7	Line of Duty - Series 3 - SD
8	Fawlty Towers - Series 1 - SD
9	Line of Duty - Series 1 - SD
10	Orphan Black - Series 1 - HD

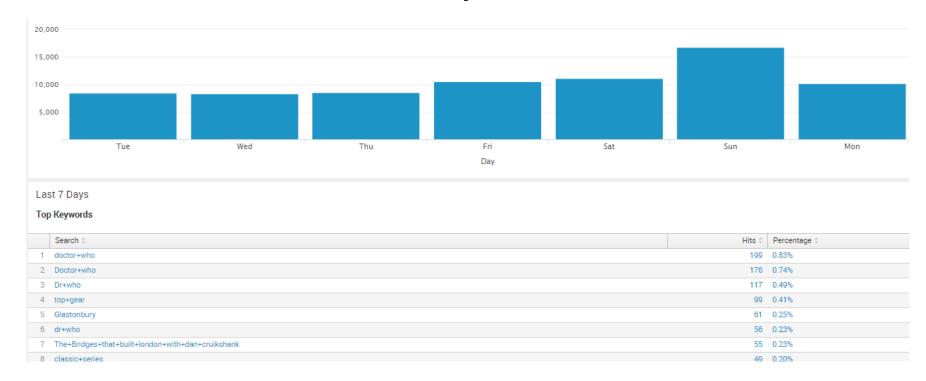
Total Store Refunds in Last 7 Days

220

Total Store Refunds in Last 24 Hours

16

# **Business Analytics - Search**



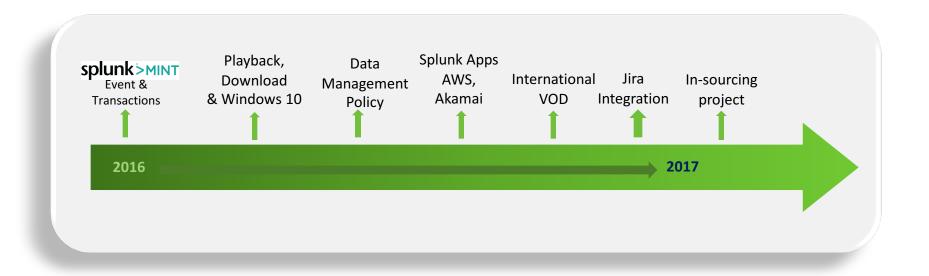
#### **Business Analytics - Refunds**



# BBC Store - Roadmap



### BBC Store – Roadmap Priorities



# THANK YOU .conf2016 splunk>