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IT Innovation at Dimension Data: DevOps Beyond Deployment with StackStorm
Technology transforming conservation

A customised end-to-end solution

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digital infrastructure

**data and analytics**
Digitising and analysing the entry and exit information of people visiting the park.

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hybrid cloud

**automatic backup**
Backing up data in real-time, to ensure uptime.

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workspaces for tomorrow

**multiscreen communication**
Keeping rangers connected across multiple devices in all areas.

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cybersecurity

**secure network and data flow**
Eliminating the risk of information falling into the wrong hands.

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Professional services to design and implement the solution; operated as managed service, using the cloud for data analysis and backup.
What I do

People
• 31,000+ employees
• 1-5 year skills strategy

Skills
• Introducing software as a key skill
• Transitioning traditional to DevOps

Innovation
• Decentralized innovation practice
• 43 countries
4 Trends in DevOps from 2016

- Skills are hard to source and costly to acquire.
- DevOps is becoming Silo’ed
- Point solutions are multiplying-FAST
- “We do DevOps” because we have some scripts
What is the best way to structure your DevOps teams?

- Centralize: Consistent
- Bottlenecked

- OR -

- Distribute: Fast
- Duplication

- Collaborate: Open/Inter-sourcing IP
- Ownership by merit

- Knowledge sharing
- Collaboration platforms
DevOps integration Spaghetti

What about “legacy” apps?
Event-driven DevOps – a practical example

New instance deployed in EC2

When a new instance is detected, run SOC compliance workflow

Scan the networks for vulnerabilities

Raise an incident in SOC ITSM queue

Tell the SOC via Cisco Spark and/or email
Collaborative DevOps with StackStorm

- Best practices
- Integration patterns
- Operational design

✓ Scaled skills
✓ Respond faster
✓ Execute faster
3 major trends to enable skills transformation in 2017

- Don’t centralise - collaborate
- Open-Source is key
- Continuous Learning
Keep in touch

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