The Premier Big Data Research & Development Conference

Big Data for Government Symposium

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Modern Data Analytics and the Microsoft Platform

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Agenda

1. The Modern Data Analytics Challenge
2. The Analytics Requirement
3. The Microsoft Solution
4. Discussion
The Modern Data Analytics Challenge

Turning agency data into mission critical insight within a reasonable timeline is no longer possible using traditional data analytics techniques.
Supporting the Mission

- Logistics
- Datacenter optimization
- Imagery and video analysis
- Retail
- Law enforcement
- Intelligence
- Compliance
- Scientific research
- Positioning
- Threat detection
- Healthcare outcomes
- Legal discovery
- Finance
- Application optimization
- Cyber security
- Disaster response
- Human resources
- Sensor monitoring
Modern Data Analytics Challenge

- Variety
- Volume
- Velocity

- Veracity
- Viability

- Value

Insight
The Data Analytics Requirement

- Any Data
- Any Size
- Anywhere
- Structured
- Unstructured
- Streaming
- Manage
- Trust
- Familiar
- Tools
- Insight
Microsoft Data Analytics Platform
Managed, Comprehensive, Extensible

Insight from data in real-time
Scale user-driven analytics using familiar tools
Data assurance, governance, & compliance
On-premise, cloud
Microsoft Data Analytics Platform

Big Data Services Using Familiar Tools

Office
SharePoint
Microsoft SQL Server
(Hortonworks Data Platform)
Microsoft System Center
Windows Server
Data Analytics
Malone
Drivers Demo
Microsoft Solution Summary

- Most Flexible
- Secure
- Business-Centric
- Operational Efficiency
- End-User Productivity
- Best Value
Discussion