GOVERNMENT PERFORMANCE MANAGEMENT ANALYTICS

Solution Example

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Business Challenges

Trends and Drivers

Transforming government in a data-driven world

8ZB

of data predicted by 2016

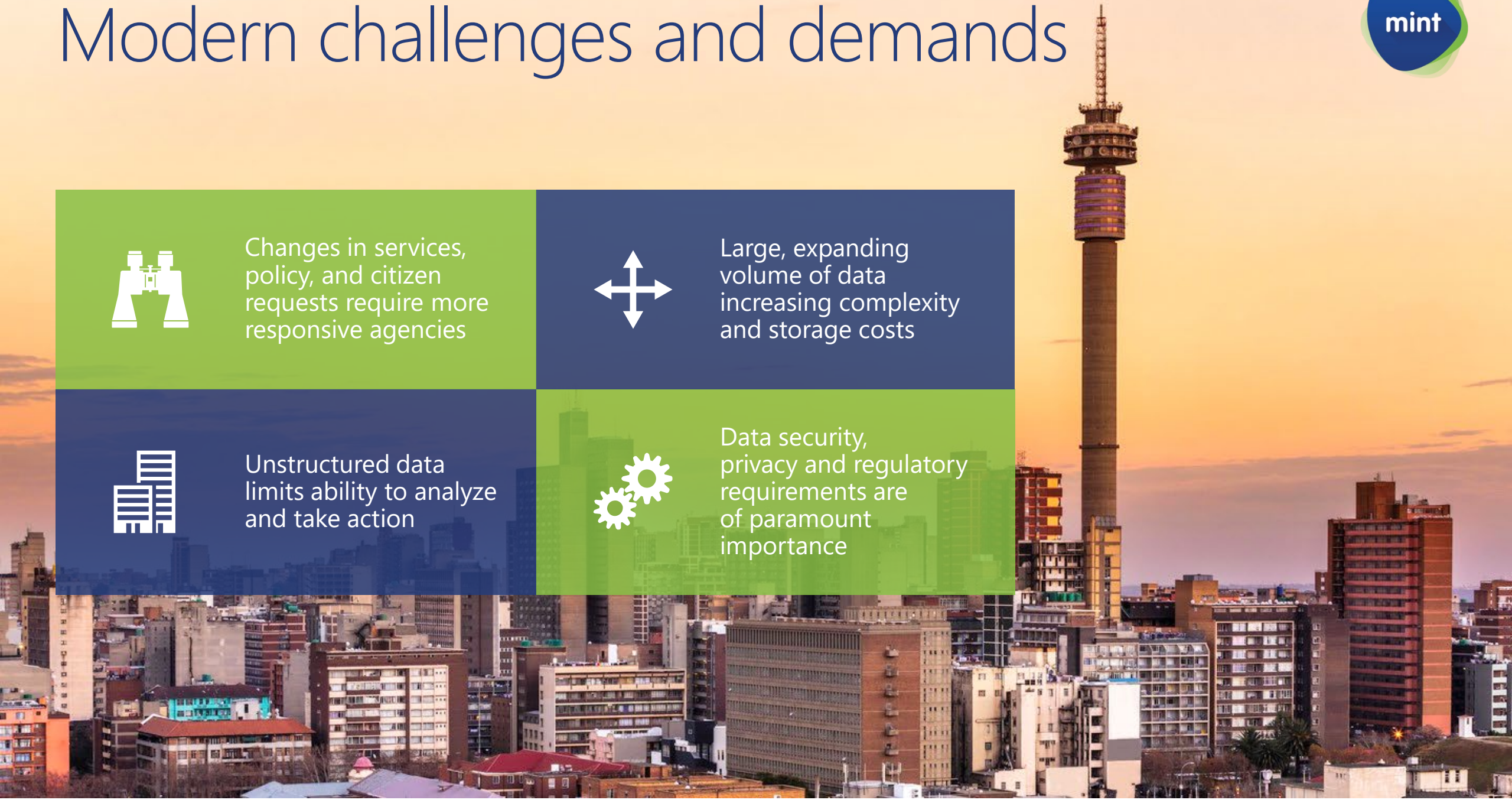
37%

of data made useful if tagged and analyzed

40B

devices will be connected to the internet by 2021

Modern challenges and demands



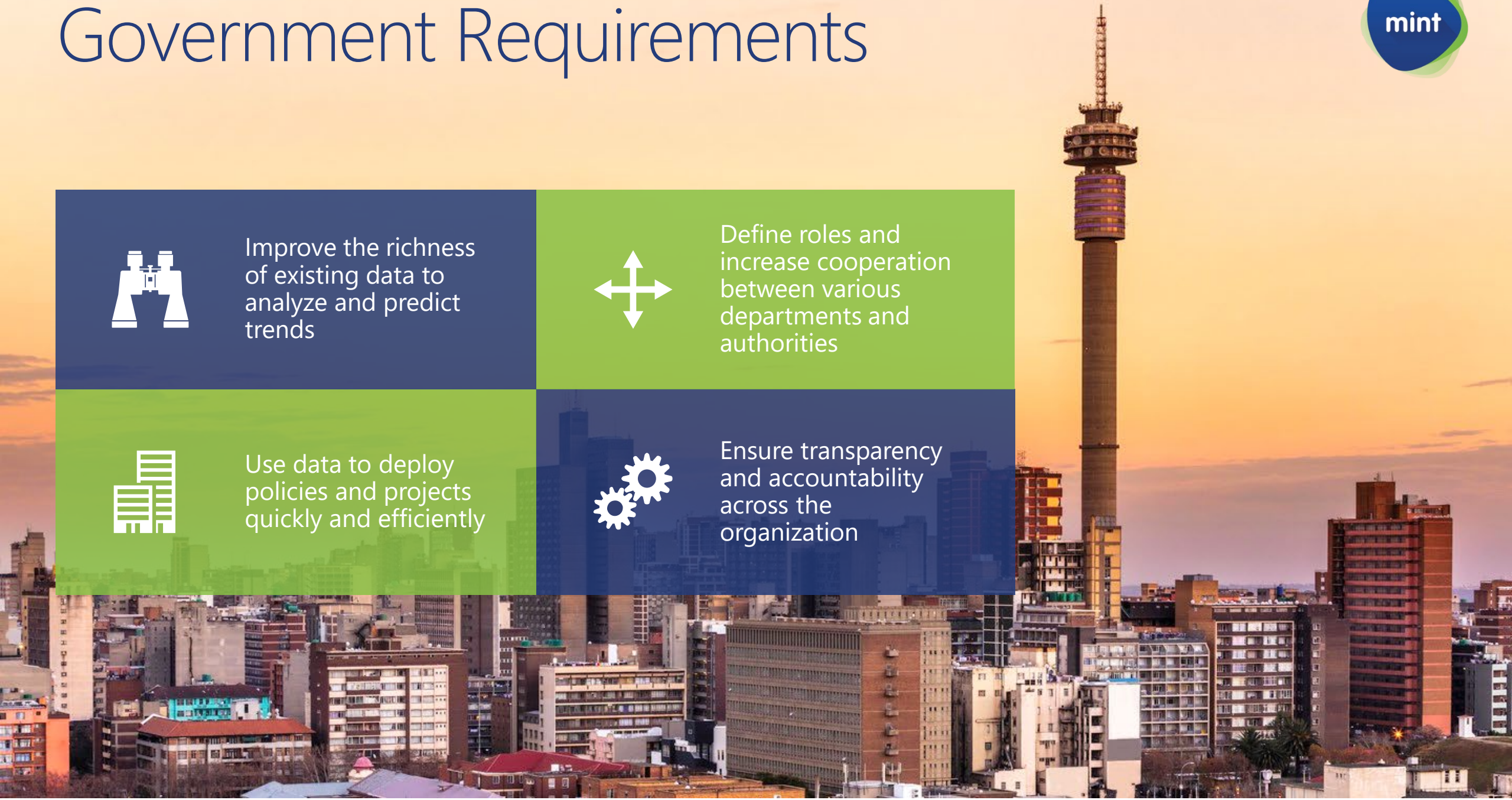
Changes in services, policy, and citizen requests require more responsive agencies

Large, expanding volume of data increasing complexity and storage costs

Unstructured data limits ability to analyze and take action

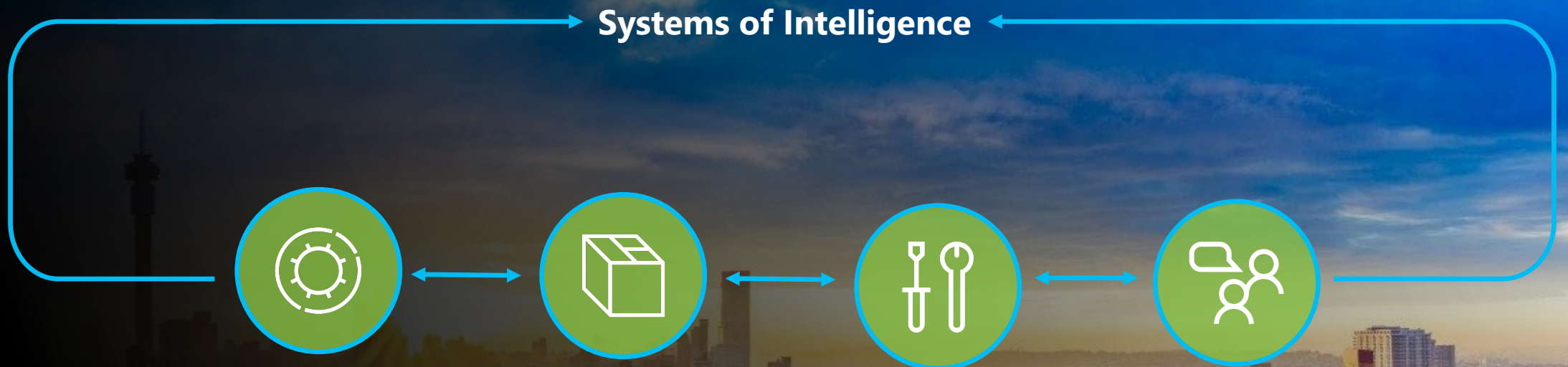
Data security, privacy and regulatory requirements are of paramount importance

Government Requirements



- Improve the richness of existing data to analyze and predict trends
- Define roles and increase cooperation between various departments and authorities
- Use data to deploy policies and projects quickly and efficiently
- Ensure transparency and accountability across the organization

Digitally Enabled Government Journey



Optimize your operations

for a more efficient service delivery data platform

Transform your services

to unlock insights that improve citizen social services

Empower your employees

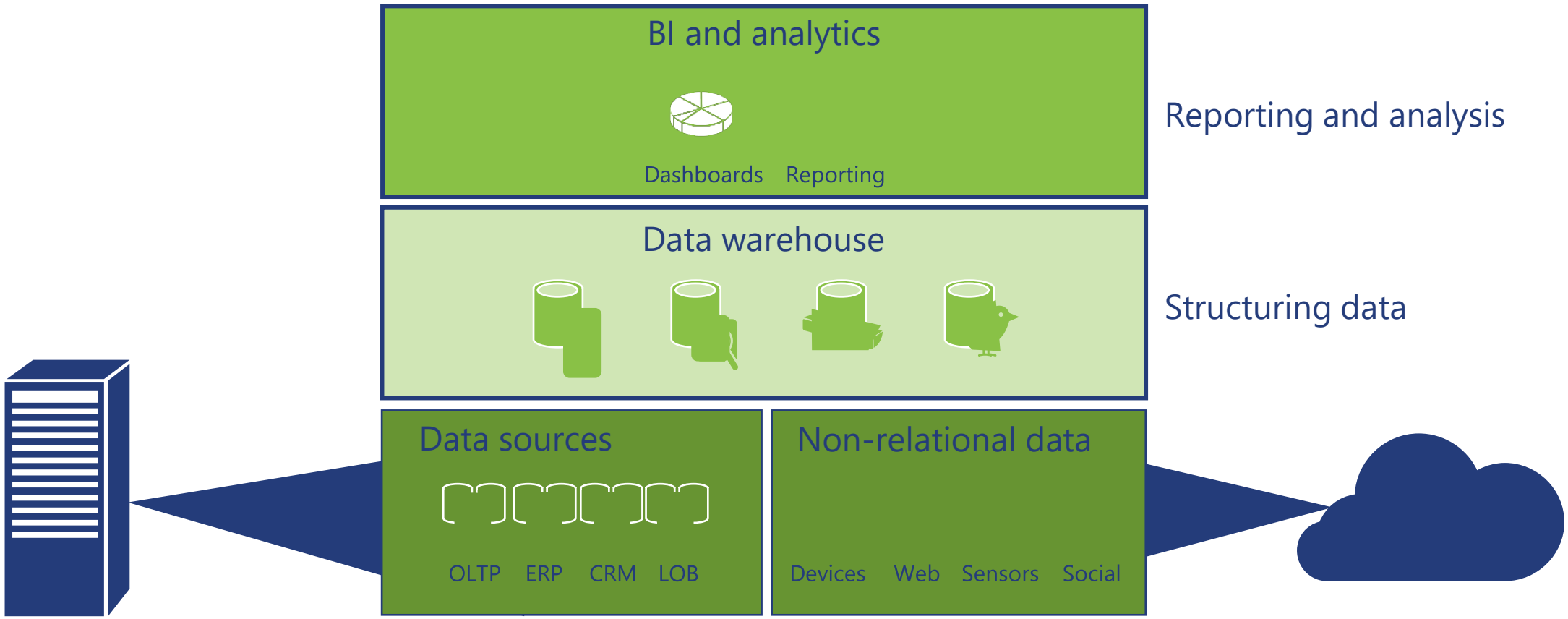
to deliver productivity gains that improve impact

Engage your beneficiaries and citizens

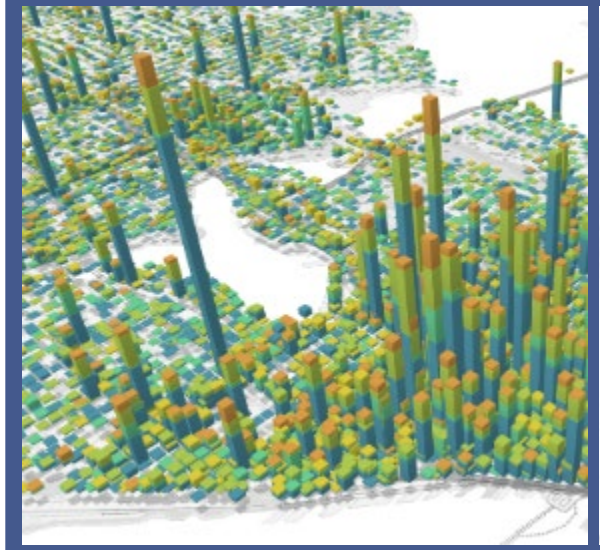
for greater connection and participation

Data Analytics: Visualizations

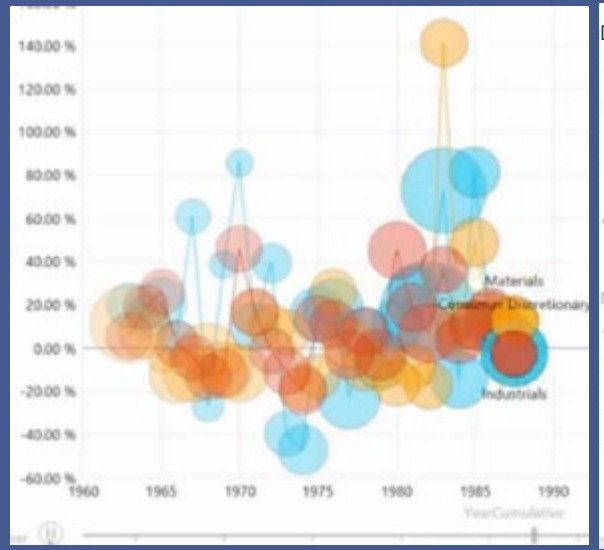
Creating Insight can be overwhelming



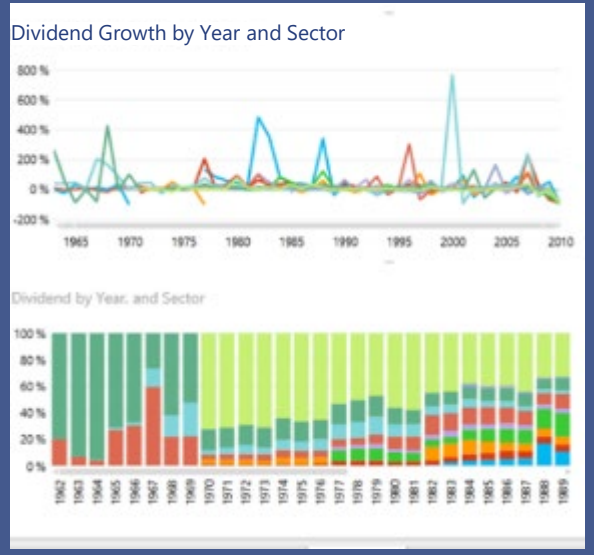
But what if DSD could:



Gather insight about your business from any source?



Visualize that data and create new insights?



Use this insight to better understand your business?

Visualize data across devices, in both online and offline mode?

Empowering DSD Executives through rich data visualization for decision making

Easily discover and analyze diverse data across disparate repositories

Share data and collaborate with colleagues while maintaining IT governance

Empower users to gain deeper insights through familiar tools

Develop richer experiences by interacting with data in new ways

Enabling smarter social government action

Provide enriched reporting solutions

- By using the capabilities of an integrated platform (cloud or on-premises)

Discover	Analyze	Visualize	Share	Mobile

Government Performance Management Analytics

Visualize, decide, and share with Data Platform

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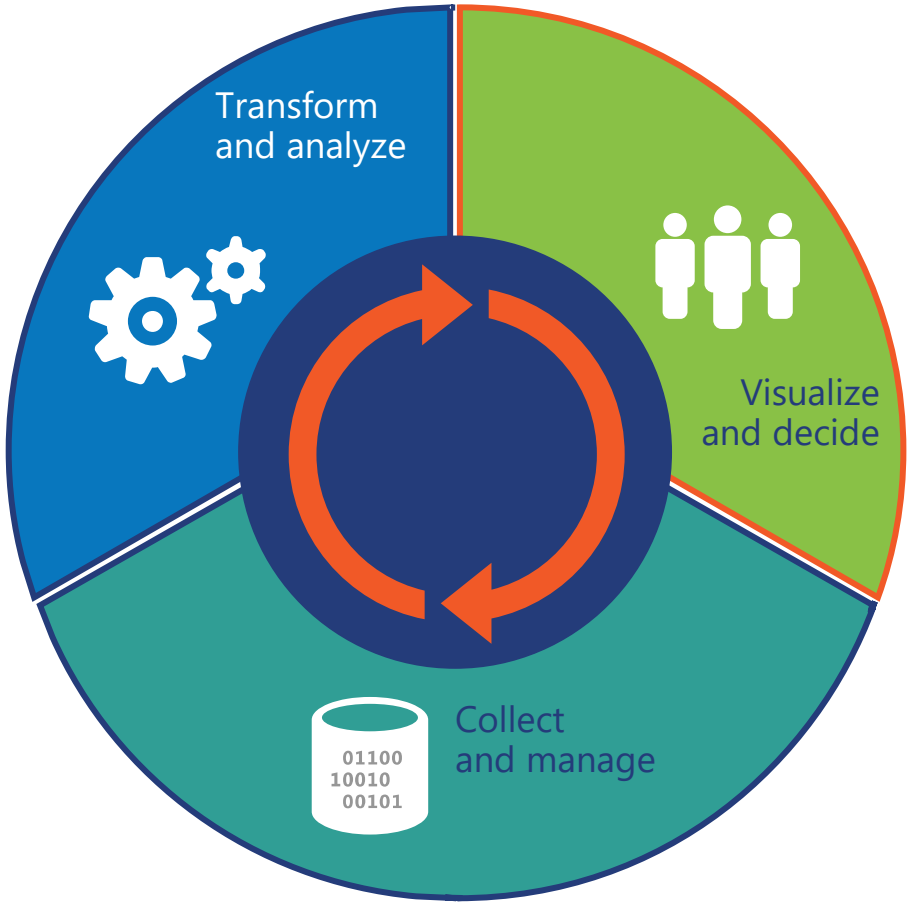
Discover, explore, and combine any size or type of data, regardless of location

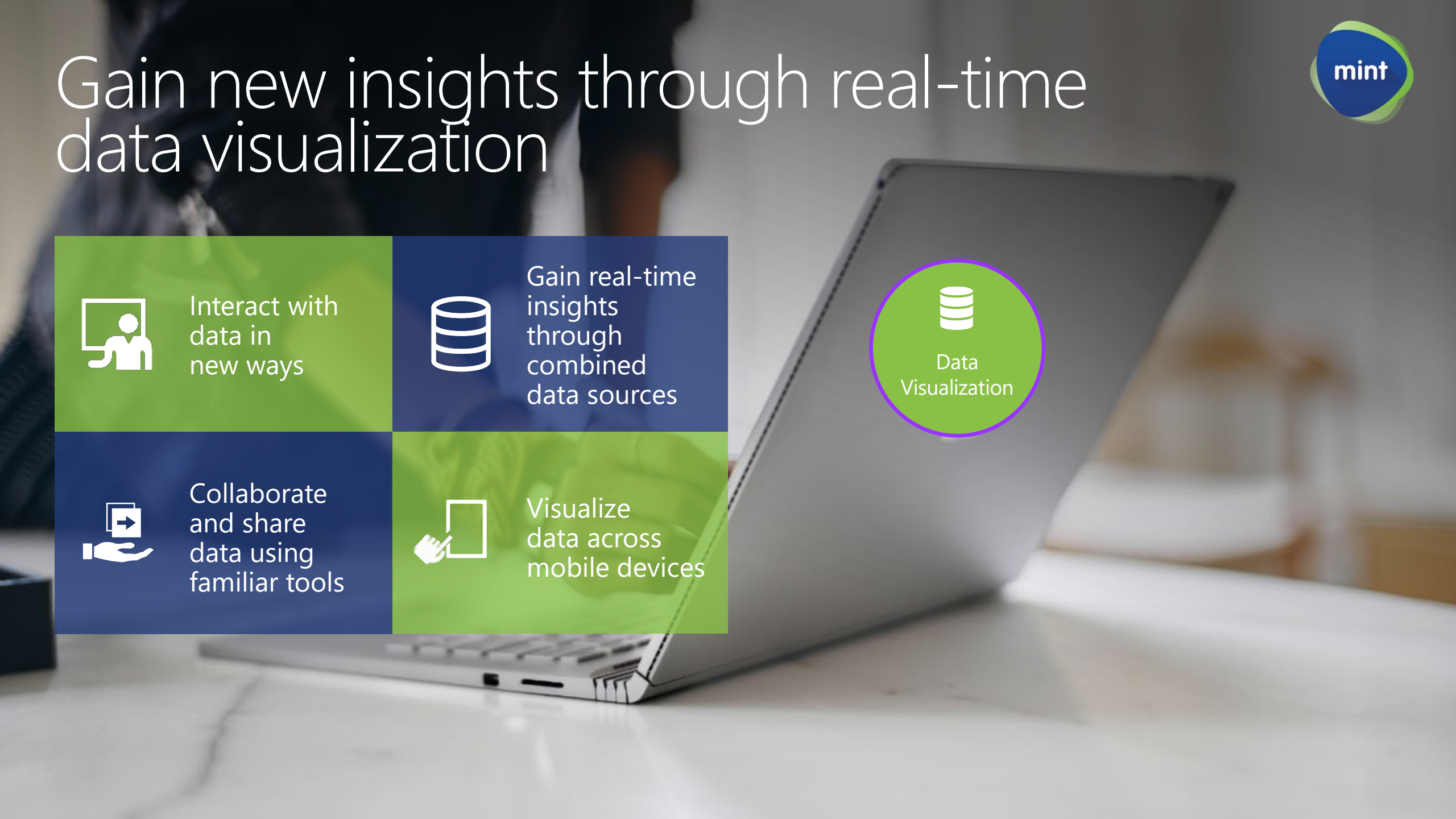
Ask questions of data to visualize, analyze, and forecast by using familiar tools

Empower users to make faster decisions, share broadly, and access insights on any device, in both online and offline modes

Develop richer experiences by interacting with data in new ways



Gain new insights through real-time data visualization



- Interact with data in new ways
- Gain real-time insights through combined data sources
- Collaborate and share data using familiar tools
- Visualize data across mobile devices

Data Visualization

Improve decision-making with data insights at your fingertips

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- Identify and access data sources
- View and understand data
- Use data to predict and improve outcomes
- Get results faster

Advanced Analytics

Enhance transparency and accountability with performance tracking

- Implement dashboards and KPIs
- Make information and results available
- Facilitate data sharing and collaboration
- Improve productivity

The GPMS Framework

Government-Wide Strategic Planning Framework

- ✓ Commitment to improve government performance
- ✓ Identification and updating of strategic direction
- ✓ Strategic outcomes, operational plans, goals, objectives, targets, and KPIs

Performance Management Solution

- Scorecard, Dashboard, & Visualization components
- Analytical tools and Online Analytical Processing
- Centralized data capabilities
- Delivery of regular reports

Stakeholders

- Government entities (ministries, authorities, departments)
- Public (as applicable)

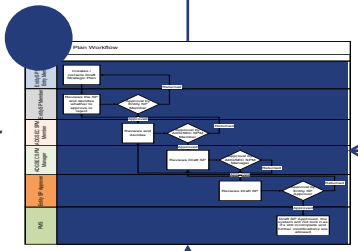
Future scale as per DSD needs

- Scale for Government Decision Support System
- Designed to cater for current and future needs

Data Platform: Analytics Solution Examples

Data entry
from ministries
(manual & automated)

Business process &
workflow approval



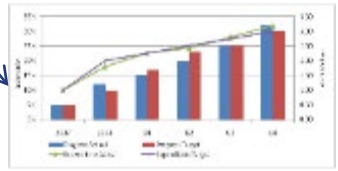
Multi-year Strategy
Plan input

National Gov
Provincial & Local

Cabinet, ministers,
Performance Management
Portal with individual secured
dashboards & scorecards

Collaboration
across entities

Performance
monitoring &
reporting

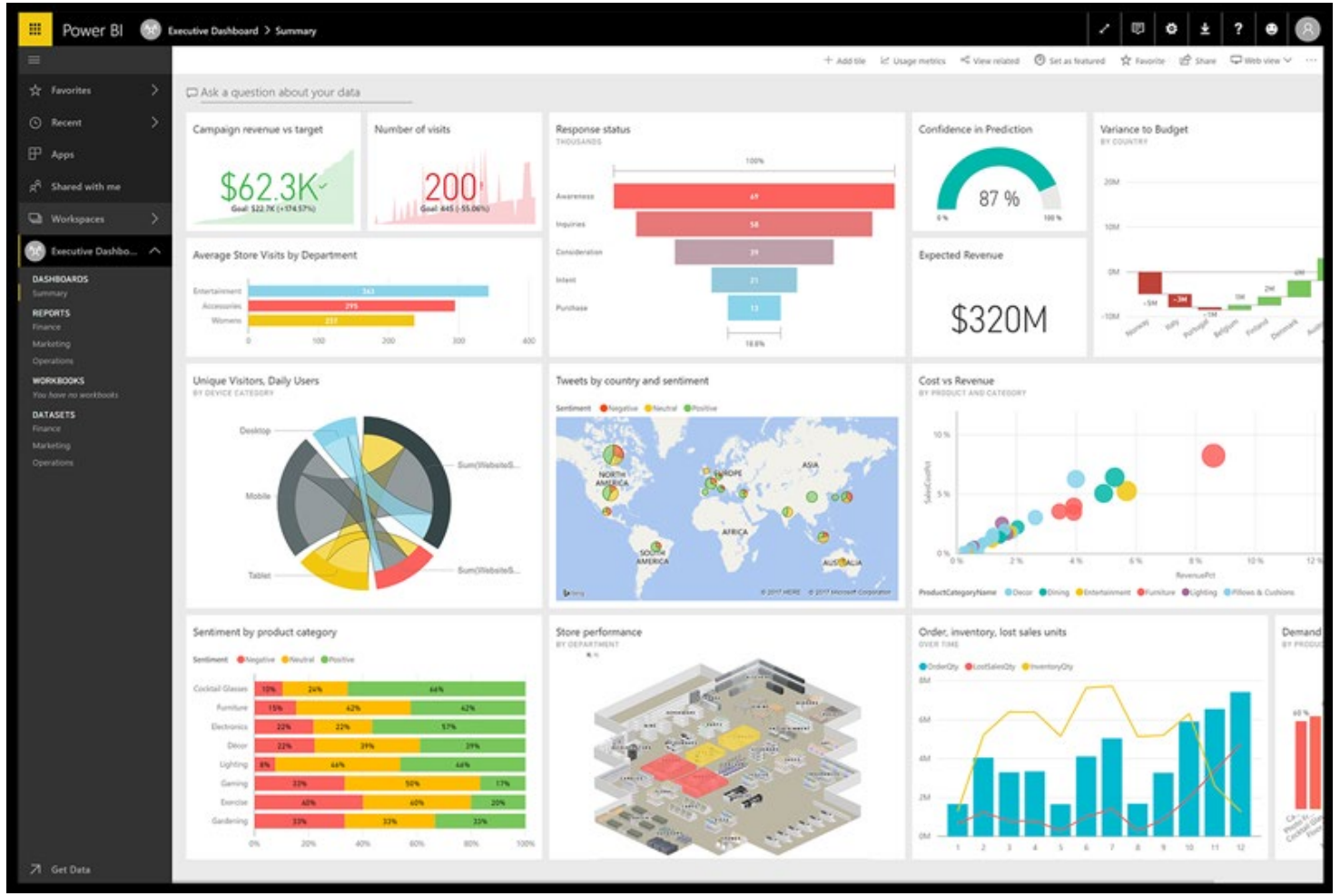


Trend analysis /
statistics

Key Data Platform, Analytics features

PRESENTATION LAYER	BUSINESS RULES	ADMINISTRATION	SYSTEM FUNCTIONALITY	IP REUSE
Multi-lingual solution Internet and intranet Cross-group collaboration; individual sites for ministries, departments, chairman office	Business process automation and data entry locking/unlocking Approval workflow for strategy plans, operational plans, target settings, and actuals Security at various layers	Performance management users security management Reports setup and implementation	Large-scale implementations using SQL Server, BI, and Azure Central repository for all your data Management of strategy and operational plans	Proven government architecture and design Data model, code, and reports Training and documentation

Analytics dashboard provides in-depth data



Track actual versus target KPIs

Easily access various department statistics and trends

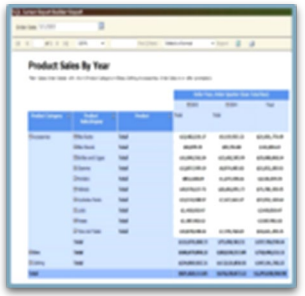
Visualize data in a variety of formats

DSD Stakeholders get the information they need

STANDARD REPORTS

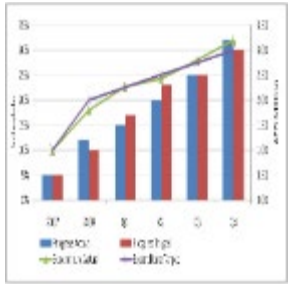
Central location to access all reports in the PMS portal

AD-HOC REPORTS



Role-based or personalized reports using SQL Builder

ANALYTICS



Access to key business data view consolidated information in real time

SCORECARDS

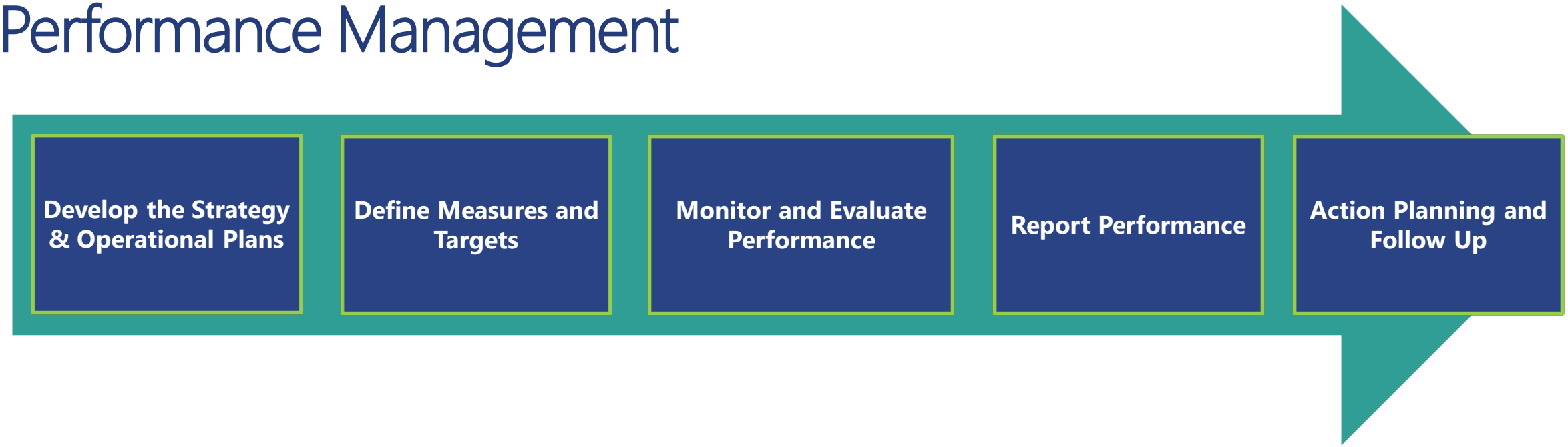
PMS shows current status against defined goals

DASHBOARDS

Dashboards show information most relevant to each decision-maker

The Mint Data Analytics Approach

Performance Management



- Government Strategic Plan
- Entities Strategic Plans
- Entities Operational Plans
- Alignment between Federal and Entities

- Performance Scorecards
- Performance Agreements
- SLAs

- Strategic Objective Results
- Priority Area Results
- Initiative Results
- Individual Entities Results

- Government Reports
- Entities Reports

- Strategic Action Plans
- Initiative Action Plans
- Individual Action Plans

Mint can help

Data architecture expertise

Our experienced technical architects have implemented data warehousing and modeling for enterprise customers and governments the world over

+

Data science experience

Our experienced data scientists have helped design advanced analytics solutions from proof of concept through operationalization

Scalable | Experienced | Trusted

Thank you

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