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InfoWise® - Cognitive Reports
Rationalization Services

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Industry Challenges: Reduce business transformation TCO

Business or technology led transformations pose intrinsic challenges to enterprises to find efficient path to achieve them. Customers are compelled to keep DevOps and DataOps life cycle as short as possible.



CHALLENGES

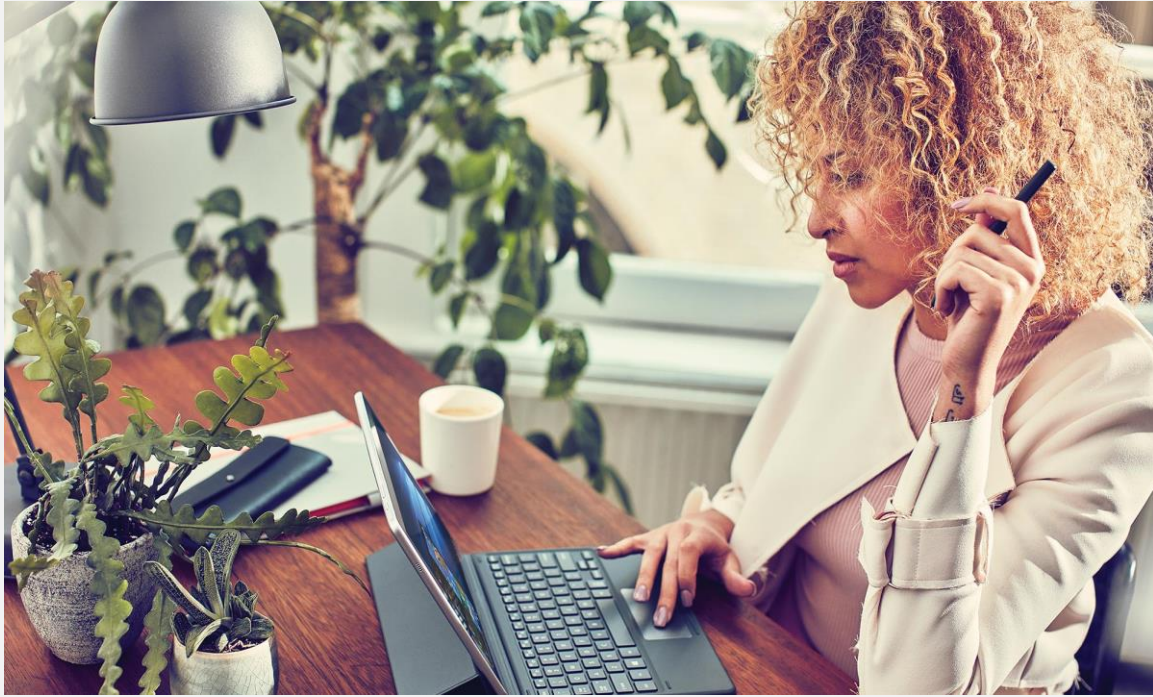
- Business or technology led transformations create lot of stress to customers in moving their applications onto cloud.
- Lot of application asset inventories – spreading across information delivery, DB and ETL layers
- Intelligence on what to move and what not to move is a major headache for customers

IDEAL SOLUTION

- Cognitive reports rationalization service dissects reports/dashboards across various reporting technologies and across business functions to decipher aged, duplicate reports.
- It also crawls through legacy tools to provide a robust recommendatory exhibit for optimal path to migration/transformation.
- The micro-service (operating on reporting layer) sets a perfect platform to examine inventories DB and data ingestion fronts.

DESIRED OUTCOMES

- Cognitive reports rationalization service helps customers to reduce TCO of migration by 30-40%.
- This can be used as OPEX reducer either on premise or in cloud or in hybrid environment – to help reduce CR life cycle by 20-30% (this reducing time to market)
- Optimization of reporting inventory always increases data trust, thus increasing user adoption.



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InfoWise® - Cognitive Reports Rationalization Services

Cognitive Reports Rationalization gives instant booster to customers by way of optimizing application inventory (starting with information delivery) in real-time.

AUTOMATION USE CASES

- Aged reports/dashboards analysis
- Duplicate assets analysis
- Usage analysis of aged/duplicate reports
- Workflow based assets optimization process
- Rationalization of assets across multiple legacy/reporting technologies

INDUSTRY AGNOSTIC

Powered by metadata driven AI/Cognitive techniques, Reports Rationalization Services help customers across wider industry verticals

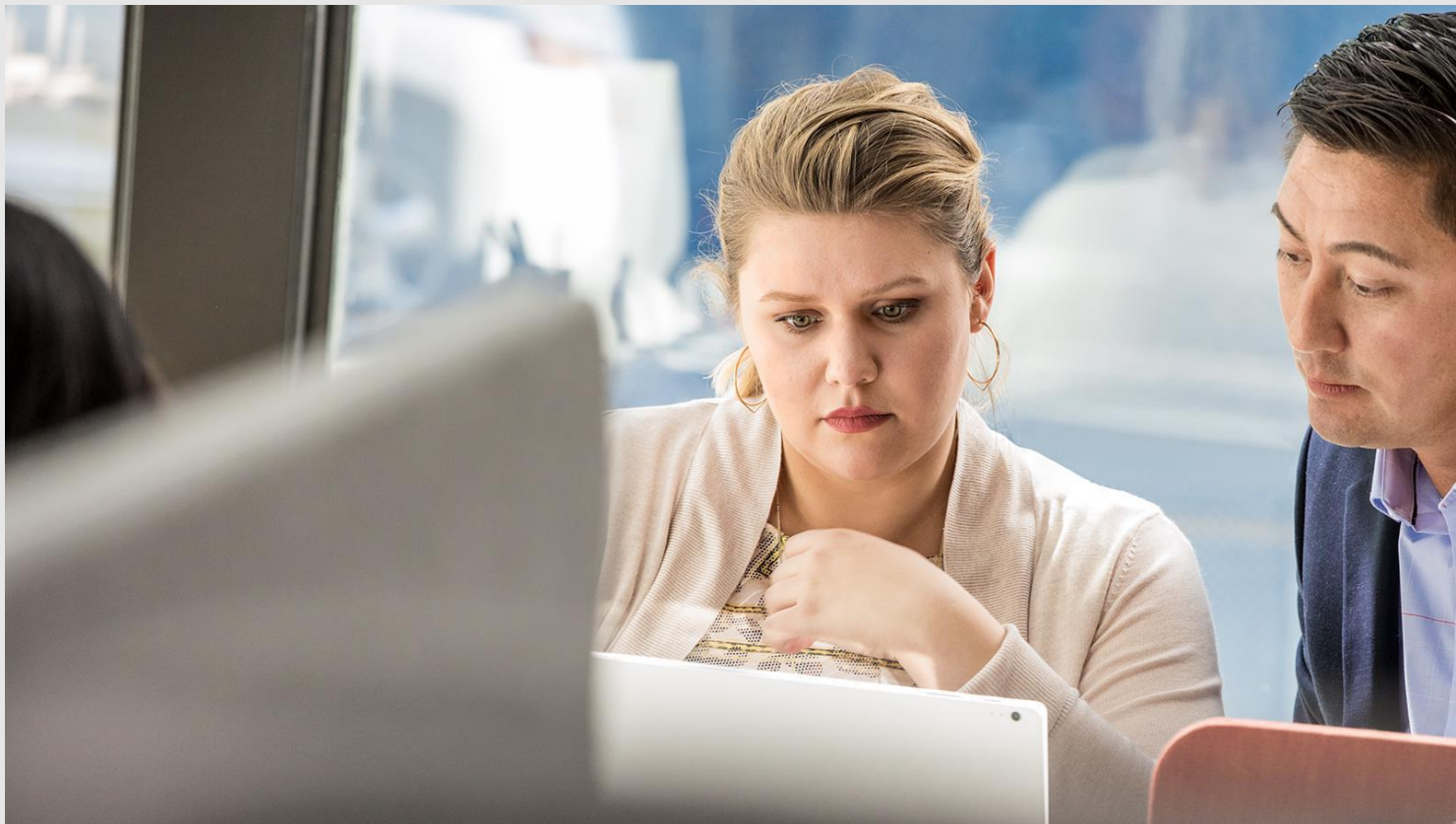
While targeting customers in transformation journey, it also assists wider audience too.

FLEXIBILITY

- Cloud-based solution with a robust Azure-ADF based integration approach to customers' reporting/dashboard systems
- As opposed to biz sensitive data, since the service uses metadata alone – it increases the chances of customers being open to cloud orchestration
- Using MS AZURE services, the solution is well placed to scale with customer demands instantly.

Tech Mahindra's Cognitive Reports Rationalization + Microsoft Azure

Deploying on Microsoft Azure allows for quicker, smoother, and more secure discovery exercise. It provides a perfect de-coupled environment to carry out migration recommendations without visible impact to customer environment.



Rationalization on Microsoft Azure

Cognitive Reports Rationalization is quintessentially valuable for customers who want to move to AZURE cloud. Reduces TCO of cloud migration by 20% to 30%.

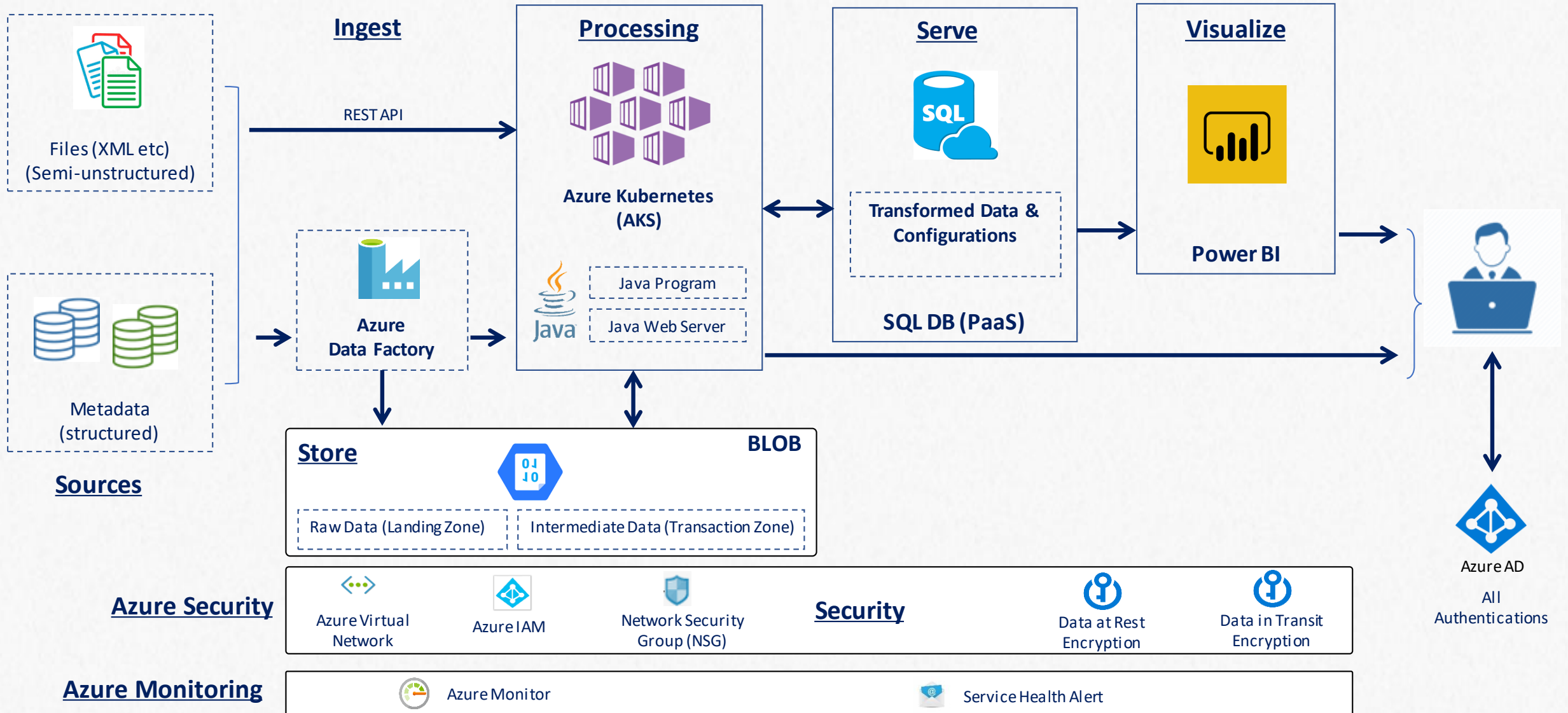
Reports Rationalization on Microsoft Azure

Seamless integration of customers' metadata sources using AZURE's "customizable ADF" is a huge plus to customers.

BI Governance using Azure

The solution offers effective BI governance to customers, by using scalable Azure services. It can be used to customers' varying business needs as a periodic health checker of application environment.

Inflowise on Azure - Architecture



Customer success: US based Oil & Gas Major

Reports rationalization was implemented as a complete discovery solution to help optimize information delivery assets and also to provide effective BI Governance



CHALLENGES

- Migration of 500+ SAP BO reports across different business units to cloud based reporting. The comparison combination (to rationalize) ran into 250,000+, which was not humanly possible to accomplish
- Lack of automated rationalization technique to identify duplicate & unused SAP BO reports in the system
- Operational Cost optimization

SOLUTION

- API driven Metadata Extraction for respective reporting technologies
- BO reports with complex custom SQL parsed using the solution
- Reports Duplication & Report Ageing analysis done and recommendations on Consolidation & Elimination of reports provided

VALUE DELIVERED

- 65% time reduction due to automated reports consolidation and rationalization
- Substantial improvement in recommendation quality as opposed to manual techniques
- Elimination of maintenance cost of redundant and unused reports by 35%

Customer success: US based Telecom Major

Reports rationalization was implemented as a complete discovery solution to help optimize information delivery assets and also to provide effective BI Governance



CHALLENGES

- Migration of SAP BO Reports to Power BI due to sun setting of SAP BO environment by 2021
- Lack of automated rationalization technique to identify duplicate & unused SAP BO reports in the system (Huge volume of reports around 90k reports in reporting system)
- Faced with budget constraints around Operational & Report migration Cost

SOLUTION

- SAP BO reports with complex custom SQL parsed using InfoWise® reports rationalization service.
- This was done in addition to metadata extraction from BO universe
- Report Duplication & Ageing analysis output using cognitive techniques, was delivered along with recommendations on consolidation & Elimination of reports

VALUE DELIVERED

- Nearly 45% of reports were eliminated, either due to aged and duplicate categories
- 100% Quality improvement compared to manual rationalization technique.
- Cost of maintaining unused and redundant reports brought down by 40%

Tech Mahindra's Cognitive Reports Rationalization Services

Get a Demonstration:

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Learn more: <https://www.techmahindra.com>

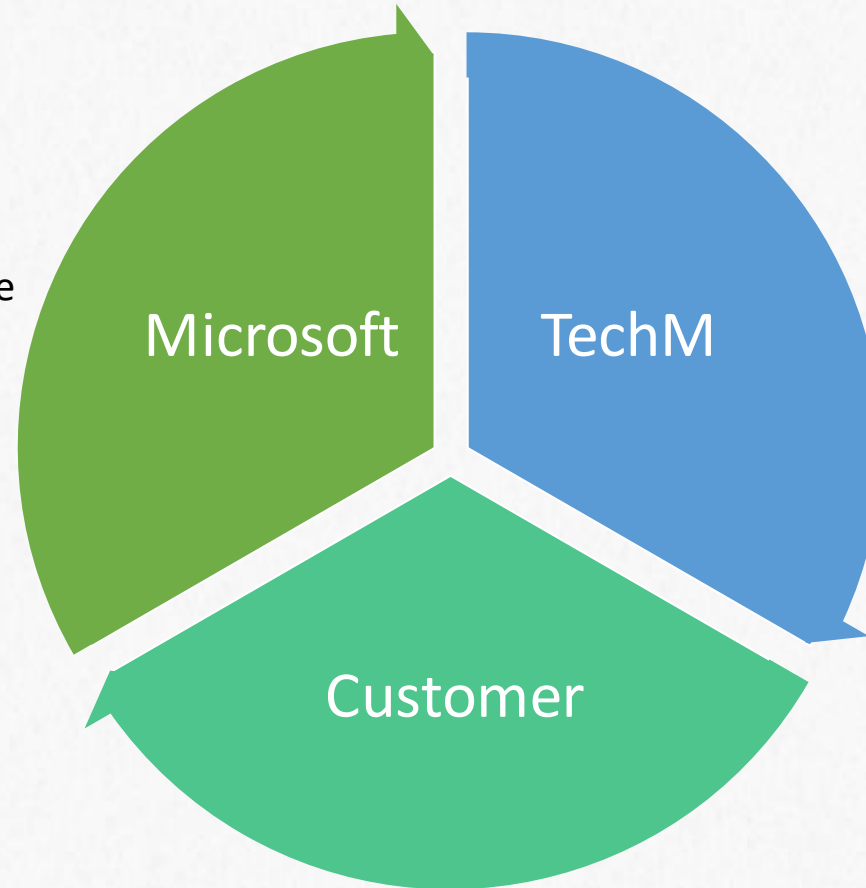
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APPENDIX

Value Proposition

- Additional Power BI license sale
- Licenses from multiple legacy tools converging into MS stack
- Host rationalization as a service over Azure
- Potential UP sell other MS suite
- Opportunities for professional services



- Discovery/assessment revenue
- Services revenue (Re-engineering & support)
- Ability to influence license selling (Cross-selling)

- TCO reduction in the modernization of visualization layer – min 30% reduction (max 65%)
- Elimination of maintenance cost of aged/redundant assets - 20% savings from annual OpEx

InfoWise® – Cognitive reports rationalization (a discovery solution) – On Azure

**** Conceptual View ****

Data Sources
(On-Premise or Cloud)

Reporting metadata



Various legacy reporting technologies

