Withum's Data and Analytics Blueprint

- 2-3 Week Engagement with experts from Withum's data team

- Gain an understanding of current state of data and reporting architecture

- Identify and scope required outcomes for reporting and data access

- Discover and document data sources and data stores

- Produce custom, comprehensive roadmap and architecture specifications
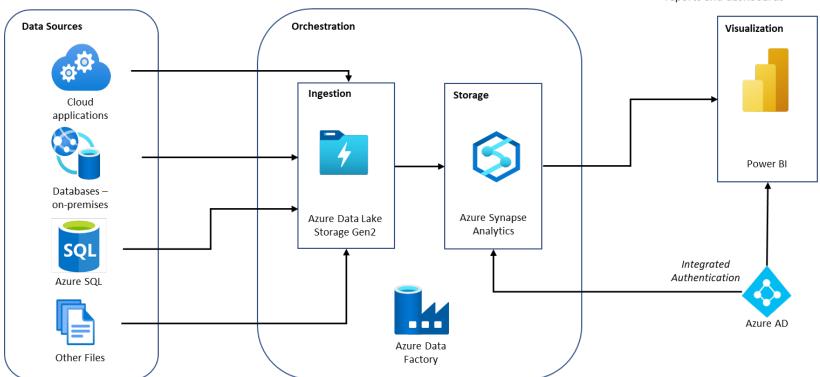
withum

Data and Analytics Blueprint

Data Sources
Data typically lives in many different systems in varying formats: CRM/GL/DMV in Excel, text, JSON

Storage and Modeling
Database technologies will be leveraged to organize and store the multiple streams of data into a data warehouse, data mart, or data lake

Reporting and Analysis
Using the conformed data model, Power BI will connect to the reporting layer present data in actionable and insightful reports and dashboards

Data Sources
- Cloud applications
- Databases – on-premises
- Azure SQL
- Other Files

Orchestration

Ingestion
Azure Data Lake Storage Gen2

Storage
Azure Synapse Analytics

Azure Data Factory

Visualization
Power BI

Integrated Authentication

Azure AD

Our Process

GATHER REQUIREMENTS

OUR TEAM WILL GAIN AN UNDERSTANDING OF YOUR OBJECTIVES BY RUNNING WORKSHOPS WITH YOUR KEY STAKEHOLDERS

DISCOVER

WE WILL CONDUCT ADDITIONAL WORKSHOPS WITH YOUR TECHNICAL LEADS TO UNDERSTAND YOUR OFFICE 365 ENVIRONMENT, SOURCE SYSTEMS, AND DATA VOLUME, VELOCITY, MANAGEMENT, AND QUALITY

ANALYZE

WE WILL CREATE AND DOCUMENT A TECHNICAL ROADMAP TO AUTOMATE AND IMPROVE MANUAL PROCESSES

COLLABORATE

YOU WILL BE PRESENTED WITH AVAILABLE OPTIONS, AND WE WILL WORK WITH YOU TO ALIGN THE NEXT STEPS WITH YOUR BUDGET AND CUSTOM NEEDS

withum+

Timeline

- **Weeks 1-2:**
  - Workshop with business stakeholders to understand goals and requirements
  - Meet with IT stakeholders to understand current architecture, licensing, and processes
- **Weeks 2-3:**
  - Follow up on findings of current state to refine requirements
  - Build out high-level and technical roadmap
  - Review options for technology, licensing, and collaboration on the next steps

Benefits

- ✓ Have a clear understanding how to eliminate manual data processing, data quality issues, and manual points of failure
- ✓ Tangible first step toward modernization and focusing on data-driven decision making
- ✓ Establish a scalable foundation to align with future organization needs
- ✓ Ability to align next steps with your budget and highest priority needs