

Getting Started OPERATIONAL DECISION MANAGEMENT

Complex combination of contextual and situational reasoning, or “Rules”

Operational Decision Manager Opportunities



In support of **regulatory** compliance?

Requirement or need:

- Operate in a Regulated industry with Compliance Requirements
- Validate and map compliance or policies to executable decisions
- Map historical transactions to Regulations in place at the “time” of the Transaction
- Simulate new or proposed Regulations on current and forecasted operations



Is there a benefit moving operational logic closer to **Subject Matter Experts (SMEs)**

Requirement or need:

- Remove the “Middleman” from normal Change Management” activities
 - Empower the Subject Matter Experts
- Free IT resources for Enterprise Initiatives
- New Application/Solution Development
- Feature/Functionality enhancements or bugfixes



Is your operational logic **Complex**?

- Multidimensional Decision Matrixes
- Heavy dependencies and variability based on upstream decisions
- Context based variances. Business Policies vary based on:
 - Geographic Regions
 - Time Periods (ex: Seasonality)
 - Historical Activity



Is your operational logic **volatile**?

Requirement or need:

- Respond to rapidly changing Business, Environmental and/or Regulatory Requirements
- Quickly adapt Operations to capitalize on newly identified opportunities
- Make changes to “Decision Logic” in Weeks, Days, or Hours Instead of Years, Months, or Weeks
- Volatility is “Relative”



Would you benefit from **Reusability** of operational logic?

Requirement or need:

- **Standardized Decision Services/“Micro” Decision Services**
- **Reusable Rule Artifacts across multiple Decision Service Solutions**

What is ODM?

Decision Management is a **Technology**-enabled business **Discipline** that empowers organizations to automate, optimize, and govern repeatable business decisions.

Why are rules so important?

- Single source of Truth
- Enterprise Asset
- Greater SME Participation and “Control”
- Human Comprehensible
- Standardization and Reuse
- Faster Change Management

Operational Awareness

- **Correlations**
 - Temporal Awareness
 - Spatial Awareness
 - Aggregations
 - Missing Events
- **Conditionals**
 - Data Validation
 - Cross Validation
 - Computations / Derivations
 - Scoring / Rating
- **Analytics**
 - Predictive
 - Aggregate
- **Reference**
 - Geography
 - Codes
 - Classifications