# TCS Underwriting Risk Insights

## Life & Health Insurance

TCS MBU: Azure Data Analytics and Insights

AI Led | Data-driven | Modern | Cloud native

# Modern Underwriting **Needs** & **Opportunities**

## Key Drivers

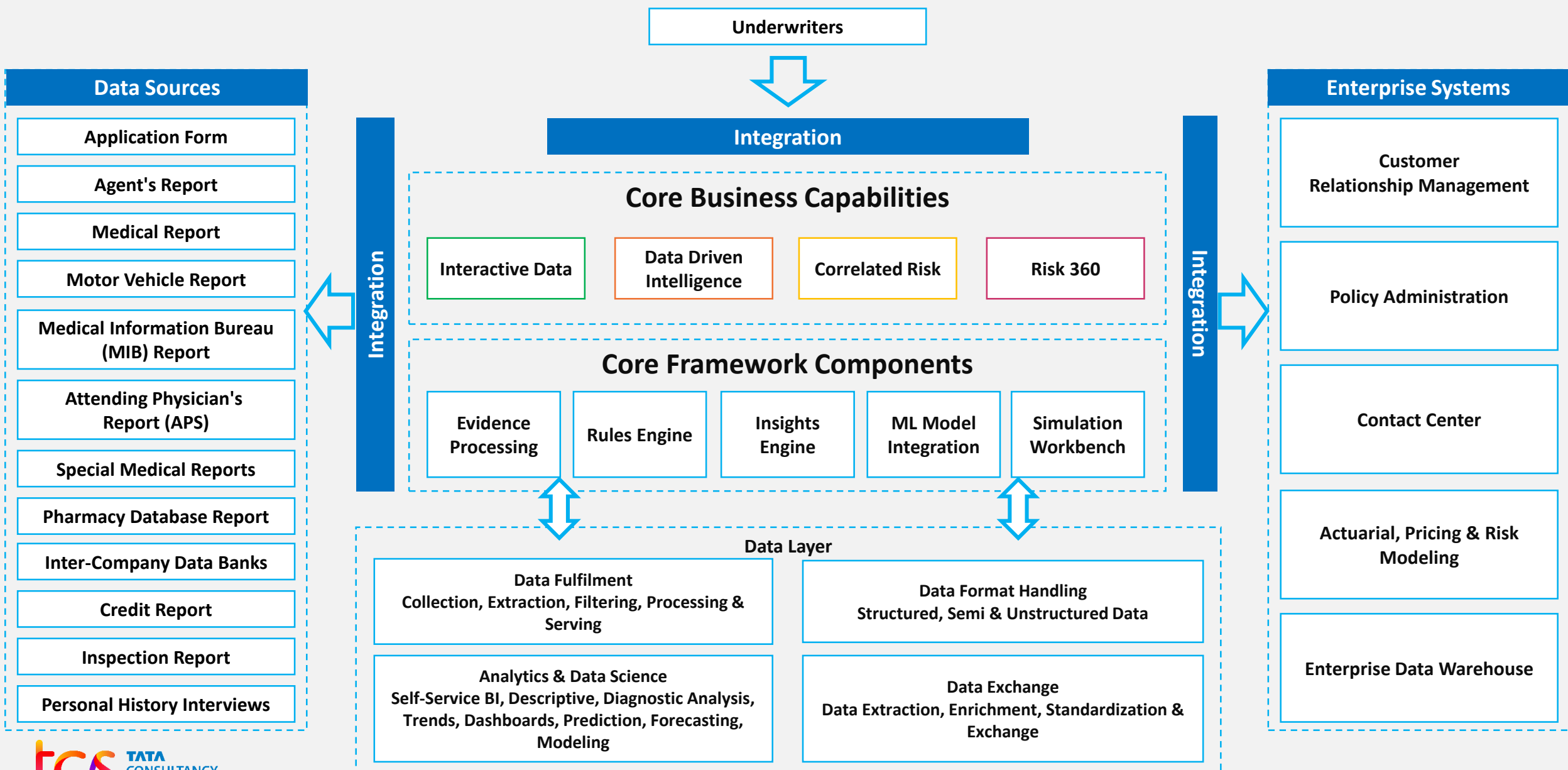| | | | | |
|---|---|---|---|---|
| Legacy Technology | Changing Risk Characteristic | Increased Customer Expectations | Availability of Rich Data | Drive for Innovation & Efficiency |

## Desired Outcomes

| | |
|---|---|
| Next Gen SaaS Platform | Personalized Product/Service Offerings |
| Precise Risk Selection | Reduced Underwriting Cycle Time |
| Improved Customer Experience | Data Driven Informed Decisions |

## Capabilities

- Digital Quote & Application Journey
- **Accelerated Underwriting**
- Automated Underwriting
- Pricing & Rules Engine
- **Risk 360 Analytics**
- Simulation Capabilities
- **Evidence Processing**
- Document Generation & Storage
- **Insights Engine**

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# Underwriting Risk Insights Core Capabilities

**Underwriters**

## Data Sources

- Application Form
- Agent's Report
- Medical Report
- Motor Vehicle Report
- Medical Information Bureau (MIB) Report
- Attending Physician's Report (APS)
- Special Medical Reports
- Pharmacy Database Report
- Inter-Company Data Banks
- Credit Report
- Inspection Report
- Personal History Interviews

## Integration

### Integration

## Core Business Capabilities

| Interactive Data | Data Driven Intelligence | Correlated Risk | Risk 360 |

## Core Framework Components

| Evidence Processing | Rules Engine | Insights Engine | ML Model Integration | Simulation Workbench |

### Data Layer

**Data Fulfilment**
Collection, Extraction, Filtering, Processing & Serving

**Data Format Handling**
Structured, Semi & Unstructured Data

**Analytics & Data Science**
Self-Service BI, Descriptive, Diagnostic Analysis, Trends, Dashboards, Prediction, Forecasting, Modeling

**Data Exchange**
Data Extraction, Enrichment, Standardization & Exchange

## Integration

## Enterprise Systems

- Customer Relationship Management
- Policy Administration
- Contact Center
- Actuarial, Pricing & Risk Modeling
- Enterprise Data Warehouse

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# Thank you