

# Compliance Data Aggregation Suite

| Category                  |                  | Layer | Function          | Deliverables                                | Incl. | Compliance Data                |                                       |  |                                      |
|---------------------------|------------------|-------|-------------------|---|-------|--------------------------------|---------------------------------------|--|--------------------------------------|
| Enterprise Data Architect | Data Discovery   | L1    | Discover          | Data Asset Inventory                        | ●     | Use Case : Metadata Repository | Use Case : Regulatory Data Governance | Use Case : Regulatory Data Integration | Use Case : Regulatory Data Migration |
|                           |                  | .a    | Structured Data   | Structured Data Asset Inventory             | ●     |                                |                                       |  |                                      |
|                           |                  | .b    | Unstructured Data | Unstructured Data Asset Inventory           | ○     |                                |                                       |  |                                      |
|                           |                  | .c    | Big Data          | Hadoop File System Data Asset Inventory     | ○     |                                |                                       |  |                                      |
|                           | Data Profiling   | L2    | Ingest            | Inventory of External Data Assets           | ●     |                                |                                       |  |                                      |
|                           |                  | L3    | Profile           | Semantic Metadata                           | ●     |                                |                                       |  |                                      |
|                           |                  | L4    | Recognize         | Business Domains, Taxonomies                | ●     |                                |                                       |  |                                      |
|                           |                  | L5    | Classify          | Global Object Identification                | ●     |                                |                                       |  |                                      |
|                           |                  | L6    | Map               | Business Ontologies                         | ●     |                                |                                       |  |                                      |
|                           |                  | L7    | Compare           | Data Comparison                             | ●     |                                |                                       |  |                                      |
|                           |                  | L8    | Lineage           | Flow Analysis, Impact Analysis              | ●     |                                |                                       |  |                                      |
|                           |                  | L9    | Model             | Master / Canonical Data Models              | ●     |                                |                                       |  |                                      |
| Data Quality Analyst      | Data Quality     | L10   | Glossary          | Business Terms Analysis                     | ●     |                                |                                       |  |                                      |
|                           |                  | L11   | Search            | Enterprise Metadata Search                  | ●     |                                |                                       |  |                                      |
|                           |                  | L12   | Monitor           | Change Monitoring                           | ●     |                                |                                       |  |                                      |
|                           |                  | L13   | Rules             | Rules Repository                            | ●     |                                |                                       |  |                                      |
|                           |                  | L14   | Metrics           | Data Quality Metrics                        | ●     |                                |                                       |  |                                      |
|                           |                  | L15   | Steward           | RACI Matrix, Policies                       | ●     |                                |                                       |  |                                      |
|                           |                  | L16   | Standardize       | Codes, Reference Data, IDs                  | ●     |                                |                                       |  |                                      |
|                           |                  | L17   | De-Duplicate      | Duplicate Detection                         | ●     |                                |                                       |  |                                      |
| MDM Architect             | Data Integration | L18   | Cleanse           | Data Cleansing                              | ●     |                                |                                       |  |                                      |
|                           |                  | L19   | Monitor           | Quality Monitoring                          | ●     |                                |                                       |  |                                      |
|                           |                  | L20   | Dashboards        | Data Quality Dashboards                     | ●     |                                |                                       |  |                                      |
|                           |                  | L21   | Move              | Extract, Load, Transform                    | ○     |                                |                                       |  |                                      |
|                           |                  | L22   | Enrich            | Enrichment using 3 <sup>rd</sup> Party Data | ○     |                                |                                       |  |                                      |
|                           |                  | L23   | Match             | Master Data "Golden Copy" creation          | ○     |                                |                                       |  |                                      |
| Data Scientist            | Data Science     | L24   | Link              | Graphs, Triplestores                        | ○     |                                |                                       |  |                                      |
|                           |                  | L25   | Measure           | KPIs / Metrics                              | ○     |                                |                                       |  |                                      |
|                           |                  | L26   | Visualize         | Visualization Output                        | ○     |                                |                                       |  |                                      |
|                           |                  | L27   | Synthesize        | Create Synthetic Data for Testing           | ○     |                                |                                       |  |                                      |
|                           |                  | L28   | Migrate           | Data Migration to Hadoop and/or Cloud       | ○     |                                |                                       |  |                                      |
|                           |                  | L29   | Analyze           | Statistics / Predictive Models with R       | ○     |                                |                                       |  |                                      |
|                           |                  | L30   | Distribute        | Web Applications using REST API             | ○     |                                |                                       |  |                                      |