

## Robotics & Cognitive Automation (R&CA) Data License Compliance

Given current cost pressures, financial institutions should consider an alternative to the often expensive and unstructured management of third party data licensing, by leveraging machine learning and cognitive analytics.



### Key Challenges

- Tier 1 financial institutions typically spend **\$500mm ~ \$700mm/year**, which can result in an increased focus to manage costs and explore alternatives
- Contract terms for third party data are **typically 12 - 36 months**, often contributing to pricing hikes at renewals from either discovered or perceived misuse
- Most financial institutions **struggle with 'Scope of Use' compliance** with the third party data in their technical environment
- Organizations **without centralized market data operating models** are often uncertain of **their entire data spend** and how it is itemized and compared across all of their respective vendors
- **Operational challenges can** result in key pain points, like redundant licensing, IP infringement risk, manual management of contracts, and lack of common data definitions, stewards and owners

### Deloitte's Data License Compliance Solution

Deloitte has developed a solution that **automates the management of third party data licenses** by leveraging natural language processing, cognitive analytics, metadata management and industry subject matter advisors.

This solution fosters **holistic governance and data control** to facilitate management, traceability and lineage and provide financial institutions with enhanced insight to help tackle license **non-compliance and cost optimization initiatives**.

#### How it works

1

**Inputs validated & enriched** contract extracts and vendor data dictionaries

2

**Stores** the agreements in a **centralized location** and defines all of the contractual terms

3

**Maps** the licensed vendor data dictionaries to underlying commercials

4

**Generates** License Compliance Reports, Vendor Dashboards and insights



## Key benefits

- **Centralizes and enhances** data storage
- **One single repository** for all disparate sets of data
- **Automates** contract management and reporting
- **Operationalize** Data Governance
- **Captures** business vocabulary and defined data quality rules
- **Enlightened insights** into sources & usage

## Characteristic outcomes of process automation



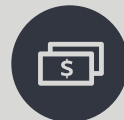
### Transformative Change

Re-engineer core processes while automating the function



### Flexibility

Rapidly scale up or down depending on the nature of the business issue



### Cost Reduction

Average 15%–90% cost reduction opportunity depending upon characteristics of the selected automation functions



### Decouple Profits & Labor

Revenue and profit become less dependent on the ability to scale labor; automation enhances the abilities of current resources

## One Team

Developers work closely with **client, Subject Matter Advisors, business analysts, process experts and Automation technology architects** to help resolve any possible misunderstandings, quickly and efficiently.



**1,500+**  
R&CA Practitioners



**160+**  
R&CA Projects

## Proven Experience

**Taking Automation from proof of concept to large-scale deployment** can be difficult, and Deloitte has proven experience doing this with various clients.

## Contacts



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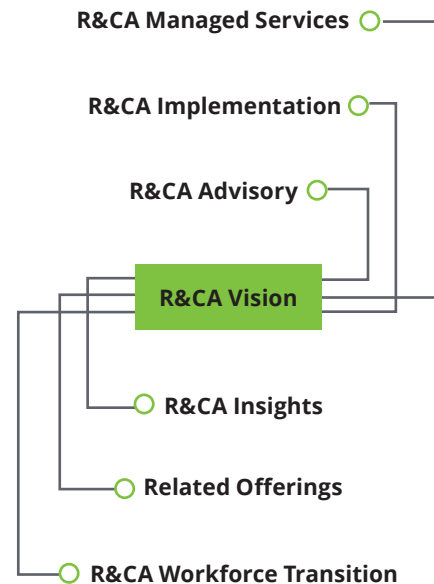
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## Services offered

Deloitte addresses the market through its comprehensive Robotics and Cognitive Automation (R&CA) service offerings, comprising an end to end approach to the delivery of R&CA solutions at scale.



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