NEXTANGLES

A Smart Future for Regulatory Compliance

The financial services industry is at an impasse due to the escalating costs of staying compliant, ever-changing markets, customers, products and the siloed approach to compliance processes. Moreover, with the increasing volume, velocity and complexity of regulations, the pressure to better manage risk and the growing shortage of skilled compliance officers cannot be overlooked.

Financial organisations try to keep pace with this changing environment by cobbling together work-arounds from existing solutions and filling gaps using spreadsheets. This is not a sustainable approach. Further:

- Implementation of more controls related to existing and new regulations and policies requires modifying and/or adding many systems
- Each regulation or policy may have its own model and its own IT system; and often regional variations involve their own systems
- Investigations often involve the need to access multiple systems to find data
- Issues require manual reviews on an infrequent and often random-sample basis or arise as the result of rule violations or customer complaints
- All of the above results in increased time in research and resolution, resulting in low productivity

NextAngles

Mphasis is reimagining financial regulatory compliance to create a Smart Compliance experience through NextAngles. With a vision to make compliance easy, NextAngles can reduce compliance burden by 30% and increase the speed of response to business and regulatory changes by 3 times.

A highly automated and knowledge-centric approach provides a centralised and integrated view of data and scales to meet the most demanding enterprise-class financial regulatory requirements.

NextAngles Solutions – are designed to streamline compliance for these diverse and complex areas:

- AML Alert Investigation Solution – that utilises Smart Data to accelerate the investigation process by at least 30%.

- KYC Solution with integrated Ultimate Beneficial Owner (UBO) module – that increases operational efficiencies for your firms KYC needs along with identifying the ultimate beneficial owner.

- Financial Crimes Investigation Solution – that automates the investigation of financial crimes through artificial intelligence to discover hidden relationships.

- TB-AML Solution – for transaction monitoring of Trade-Based Money Laundering (TBML) based on industry standard red flags.

The Technology

NextAngles solves compliance and risk issues by focusing on the knowledge problem rather than the data problem. It uses technologies like higher order reasoning, natural language processing, ontological knowledge models and semantic data that until now had been the exclusive domain of silicon valley technology companies. NextAngles de-constructs regulations to computer understandable rules and applies those rules on Smart Data through knowledge models. The system can make inferences and identify potential violations or prohibited activities.

The Enablers

Smart Data
Data stored as computer intelligible 'graphs'

Related data is easily identified, classified and analysed to provide a complete and accurate analysis of an event.

Rules and Curated Knowledge
Reliable, consistent and predictable application of reasoning and complex rules

Reduces the need to constantly repeat steps by gathering all necessary information automatically by using an artificial intelligence model to learn and repeat how problems are solved.

Workspaces
Rethink of enterprise applications for knowledge workers

User interface that provides functionalities like alerts, search, data query, transaction history, visualisation, and many more, all in one place.

Learning
Continuous improvement of efficiency and effectiveness through learning

User behaviour is recorded to help pre-populate workspaces and ensure a consistent approach to identical or substantially similar problems.

How NextAngles Works

Smart Data

Bank's Systems and Data

Regulation Centric Knowledge Model of the Bank

Encoded Rules

Regulations

Policies

Banking Concept Model: Encoded Banking Knowledge

Context Model
- Line-of-Business
- Legal Entities
- Geographies
- Customer Segments
- Organisation Structure
- Processes

Inferences
- Potential Violations
- Prohibited Activities
- Operational Risk Measures
- Data Fidelity Issues

INVESTIGATE

Dashboards

Investigation Tools

NextAngles Differentiators

NextAngles empowers all constituencies of a compliance ecosystem: compliance officers, auditors and business teams to transform how compliance is conducted today:

Today	With NextAngles
Multiple, line-of-business (LOB) level solutions for each regulation	Single solution for multiple regulations/ multiple LOBs
Labour intensive	Knowledge assisted and significantly automated
Document-centric	Knowledge-centric
Computers used as e-pencils	Computers used as tools to solve complex issues
Paper and flat files, redundant data entry	Smart forms, streamlined and auto-fill data entry
Siloed data, decisions, actions and reporting	Connected data, decisions, actions and report generation
Manual workflows, investigations and reporting	Adaptive, highly automated workflows, queries and report generation
High cumulative burden	Low cumulative burden

Benefits Sprawl

Prospective Users	Business Benefits
Operations	Simplify and rationalise IT systems landscape
Event Investigators	Full power of Linked Open Data principles
Lawyers Regulation Analysts Policy Administrators	Save time and increase productivity Partial automation of tasks Traceability: regulation to policy to implementations
Business Analysts / Business Technology Interface	Analysable semantic metadata model of the business
Data Governance	High level tools for key data governance
Supervisors and Management	Holistic control of the enterprise from a single console
Change Managers	Integration with other modules enables seamless management of new applications

ABOUT NEXTANGLES

COMPLIANCE REIMAGINED

NextAngles is an Mphasis venture developing a new breed of disruptive solutions for regulatory compliance and risk management. Our vision is to make compliance easy through a highly automated and knowledge-centric approach that provides a centralised and integrated view of data. The NextAngles solution suite can be applied across diverse risk and compliance areas, such as AML Alert Investigations, KYC, Trade-Based Anti-Money Laundering, and Financial Crimes Investigation to create a smart compliance experience. This disruptive approach not just reduces compliance burden, but also increases the speed of response to business and regulatory changes significantly. In addition, it scales to meet the most demanding enterprise-class financial regulatory requirements.

For more information, contact: **nextanglesinfo@mphasis.com**

US
460 Park Avenue South
Suite #1101, New York, NY 10016,USA
Tel.: +1 212 686 6655

UK
88 Wood Street
London EC2V 7RS, UK
Tel.: +44 20 8528 1000

www.nextangles.com

VAS 28/04/17 US LETTER BASIL 4049