A Dynamic Approach to KYC
Transform Your KYC Processes by Finding Context in Complex Data

Enriching KYC Processes with Context

Today, KYC still largely relies on manual data capture requiring time-consuming customer outreach done only at specific intervals after onboarding. This often leads to ineffective customer life cycle management and error-prone, static reports. For those interested in enriching their understanding of customers and taking an ongoing monitoring approach, it may seem daunting. There may be an overwhelming feeling of trial and error with fears of drowning in large volumes of immaterial changes and the pressures of meeting evolving regulatory requirements. Fortunately, digital transformations and game-changing technologies are advancing approaches to KYC and improving efficiencies and the overall effectiveness of the process.

Quantexa takes an automated, dynamic and holistic approach to KYC through Decision Intelligence (DI). Powered by entity resolution (ER) and networks, we combine internal and external data to create a holistic view of new or existing customers and their relationships. This then facilitates the quick identification and clear understanding of material versus non-material events. This greatly improves existing inefficiencies and can facilitate a continuous, informed and realistic understanding of risks through the life cycle of a customer.

Incomplete Customer Information is a Challenge

- No single customer view
- Complex and incomplete customer networks
- Lagging speed and heightened costs to onboard
- Time consuming and difficult CDD/EDD reviews
- Timely and comprehensive refresh limitations
- Difficulties managing evolving client risk between refresh cycles

Key benefits

- Automatically build real-world complex KYC profiles from internal data for a holistic view of a customer enriched by external data sources.
- Dramatically improve efficiencies with a single, contextualized customer view.
- Successfully identify complex and hidden risks through an improved CDD/EDD and customer risk rating process.
- Continuously monitor to detect data changes and material events.
- Productively reduce or even eliminate the need for time-based periodic reviews.
- Unite all financial crime and compliance risks into a single holistic client monitoring process.

99% successful match rate
75% customer KYC fields populated
20m+ customer ownership records ingested
68% less false positives
A tier 1 global bank had a backlog of customers overdue for a yearly periodic refresh and was missing key elements of their core KYC process. The bank worked with Quantexa to:

- Automate the remediation backlog with entity resolution and network generation on internal and external data
- Leverage a holistic connected view of customers to build a strong KYC foundation and enrich key parts of the KYC profile
- Shift from manual periodic review toward perpetually monitoring clients for the identification of key components and trigger changes related to the customer’s KYC profile
- Achieve a 90%+ noise reduction in external change events and focus on material reviews
- Deliver a 50% reduction in cost moving from a periodic to perpetual refresh model

Understanding Real-time Risks of the Customer Life Cycle

Quantexa’s DI is built on dynamic capabilities such as entity resolution and network generation that facilitate automated, technology-driven, methodologies.

Quantexa’s KYC Solutions

Quantexa’s Decision Intelligence platform empowers you with an automated and dynamic approach to each component of the KYC life cycle. If done successfully, this will strengthen risk-related strategies throughout your organization.

1. Customer Onboarding
   - Gather enriched data: Automate data gathering to build a KYC profile and network
   - Assess customer risk: Rapidly assess client risk through a holistic view, reduce screening false positives and broaden the customer risk rating with dynamic and network features
   - Continuously monitor customer networks: Monitor each customer’s KYC profile for changes and high-risk events – reducing periodic due diligence and maintaining accurate risk assessments
   - Monitor client activity: Proactively monitor client activity to determine relevant changes or risk to review

2. Onboarding
   - Automate and simplify manual KYC processes performed during customer onboarding to greatly reduce customer friction and improve compliance.

3. CRR / Risk Assessment
   - Expand Client Risk Rating past static data functionalities to include additional dynamic risk features (network, counterparty, behavioral and corporate hierarchy risk) for a better identification of true risk.

4. Enhanced Due Diligence
   - Bring consistency to high-risk customer reviews for better, quicker risk decisions.

Perpetual KYC

Quantexa Perpetual KYC (pKYC) allows institutions to transform the current reactive and static KYC process into a proactive and dynamic approach. This reduces customer friction and keeps their KYC profile up to date by continuously assessing each data change to determine which events can be straight through processed and which need to be reviewed, ultimately identifying changes that are material or of relevant risk.

The solution allows for organizations to more accurately understand the real risk of a customer at any time and efficiently apply their KYC resources to risky factors and behavior versus time-based refreshes.

pKYC Case Study: Tier One Bank

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Integration with Downstream Systems

Quantexa’s KYC solutions can interact with downstream systems in two ways – through a search system for onboarding and due diligence, or through an automated detection system for dynamic customer refresh.

**Data Sources**
- Dynamically resolve customers against internal and external data sources
  - Internal Data
  - Transactional Data
  - Subscribed 3rd Party Data

**Other Engines**
- Integrate outputs from monitoring and screening engines to create a holistic customer view
  - Other monitoring engine output
  - Other screening engine output

Ongoing event monitoring

Enrich existing KYC process

CLM System
Return to CLM fully resolved, risk assessed and connected KYC profiles

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The Quantexa Platform

The Platform to Transform Your Decision-Making

An open and modular enterprise platform for outcome-driven solutions

**Unify**
Integrate any source at scale to build a trusted data foundation
- Multi-Source Data Ingestion
- Entity Resolution
- Enhanced Data Quality

**Create Context**
Reveal relationships and insights, create stronger analytics
- Graph Analytics
- Composite AI
- Context-Based ML

**Decide & Act**
Augment and automate decision-making for actionable insights
- Operationalized AI
- Dynamic Data Exploration
- Explainable Decisions

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**Accurate**
Quantexa provides 99% accuracy for single views, 20% proven de-duplication of records, and a 75% reduction in false-positive alerts.

**Fast**
Low-code, schema-free data ingestion handles up to 60 billion records and reduces analysis time from weeks to hours.

**Open**
Quantexa integrates easily with your existing tech stack, using an easy-to-configure modular platform that’s extensible with multiple views and use cases.

**Secure**
Quantexa stays secure with advanced role-based data access and permissioning, white-box machine learning models, and transparent scoring and alerts.

Quantexa.com | info@quantexa.com