



Abrigo's Financial Crime Solutions

MSI Board Meeting - Abrigo Fraud Detection



Agenda :

01



Introductions – Joseph Heiman

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Abrigo Check Fraud Overview – Chris Fey

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Check Fraud Demonstration – Evan Jezek



FINANCIAL CRIMES TEAM



CHRIS FEY
VP FINANCIAL CRIMES



EVAN JEZEK
DIRECTOR FINANCIAL CRIMES

Abrigo's mission is to champion **Financial Institutions** and, in turn, their communities, by giving them the solutions and services they need to **drive growth** and **manage risk**.

Drive Growth, Manage Risk with Abrigo

Drive Growth

Lending and Credit Solutions

- ✓ Commercial Lending
- ✓ Consumer Lending
- ✓ Small Business Lending
- ✓ Ag Lending
- ✓ Construction Lending
- ✓ Account Opening
- ✓ Credit Risk
- ✓ Leasing Origination

Manage Risk

Risk and Compliance Solutions

- ✓ AML/CFT
- ✓ Fraud
- ✓ Watchlist Scanning
- ✓ CECL & Investment Accounting
- ✓ ALM
- ✓ Stress Testing
- ✓ Pricing & Profitability
- ✓ Loan Review

Data Analytics & Insights

Business Process Automation

API Ecosystem

Machine Learning/AI

Abrigo's Financial Crime Platform

One Platform for Holistic Protection

Our platform seamlessly integrates fraud detection, AML, and watchlist and sanctions screening into a unified financial crime solution.

Streamlined Detection to Reporting

Unified case management, data integration, and user experiences break down silos and enhance detection.

Designed to Fit Your Institution

Fight financial crime with solutions that can be tailored for your institution's customers, risk profile, tolerance levels, location, and unique needs.



Holistic Check Fraud Detection from In-clearing to Deposits

Combat check fraud with detection tailored to your risk profile. Get end-to-end protection across teller systems, mobile deposits, and ATMs to flag fraud and streamline investigations.



AI-Driven Check Image Analysis

Use the award-winning Check Fraud Defender solution, powered by Mitek, to analyze 24 check attributes



Nationwide Check Image Data Consortium

Compare flagged checks against a national database to identify fraudulent behavior that may be new to your institution



Configurable Rules Engine

Leverage Abrigo's expert calibration, configure best practice rules, use ML-powered transaction risk scores, and automate decision-making



Fraud Reporting

Gain valuable insights into total check fraud losses, analyst approval/decline counts, avg decision time per case, and more



Customer Text Message Verification (Optional)

Text customers directly when transactions are flagged, allowing them to quickly confirm or deny

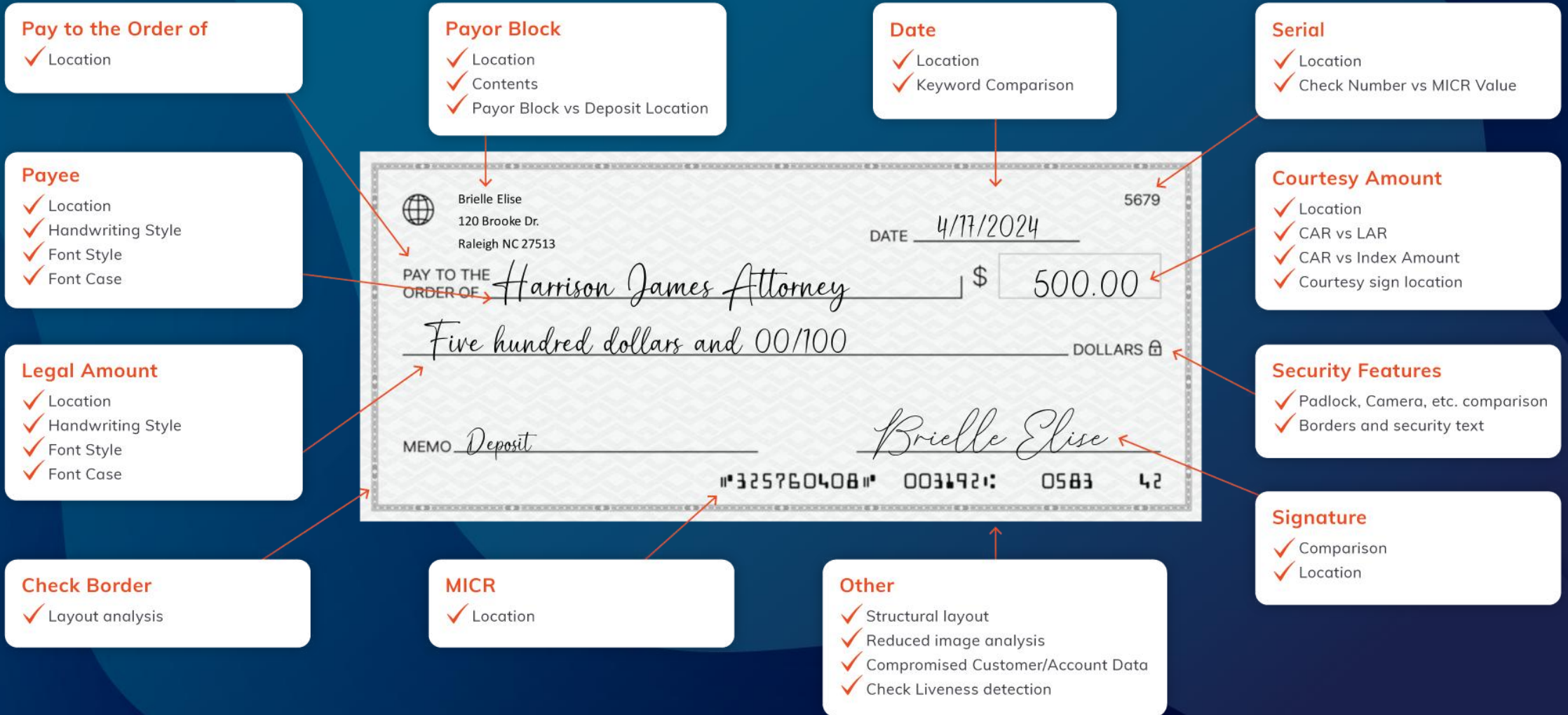
The screenshot displays the 'Check Details' interface for Event ID 000000100. The interface is divided into several sections:

- Header:** Includes 'Check Details | Event ID 000000100', 'Decision Check' button, and 'Notify Customer' button.
- Account Information:** Primary Account Holder: Amanda Dennison, B.O.B: 11/12/1983, Account #: 5792468013, Account Opened: 07/01/2023.
- Decision Status:** A progress bar showing 'Awaiting Decision' between 'Approved' and 'Declined'.
- Check Analysis:** A table showing various attributes and their scores:

Attribute	Score
Overall Score	700
Image Analysis	750
750 / 1000	
Image Risk Score	
Payee Name Handwriting Style	810
LAR Handwriting Style	790
Signature Detection	785
Comparison of Check Numbers	760
Payee Name Field	730
Transaction Analysis	650
Flagged Rules	3
- Suspect Check Image:** Displays a check from AlphaTech Solutions, dated 07/28/2023, for \$55,900.00. The check is marked as 'Void' and 'Amanda Dennison'.
- Closest Match:** Displays a check from AlphaTech Solutions, dated 7/01/2023, for \$1,500.00. The check is marked as 'Fiber Optics Works' and 'Amanda Dennison'.
- Step-Up Notification:** Sent: N/A, Reply: N/A, Status: No Notification Sent.



Analyze 24 Distinct Check Attributes



Step-Up Authentication

Real-Time In-App Customer Verification via Text

The screenshot shows a web application interface for checking details. At the top, there's a header with a close button and the text 'Check Details | Event ID 000000100'. Below this, there's a section for account holder information: 'Primary Account Holder: Amanda Dennison', 'D.O.B.: 11/12/1983', 'Account #: 5792468013', and 'Account Opened: 07/01/2023'. To the right of this section are two buttons: 'Decision Check' and 'Notify Customer'. Below the account information, there's a 'Decision Status' section with a progress bar showing 'Awaiting Decision' and a 'Suspect Check Image' section. A 'Notify Customer' modal is open, displaying 'Check Number: 78901' and 'Date: 07/28/2023'. The modal text says 'A step-up notification will be sent to the following number:' followed by a text input field containing '(123) 456-7890'. Below this is a checkbox labeled 'Would like to send the notification?'. At the bottom of the modal are 'Confirm & Send' and 'Cancel' buttons.

× Check Details | Event ID 000000100

Decision Check Notify Customer

Primary Account Holder: Amanda Dennison D.O.B.: 11/12/1983 Account #: 5792468013 Account Opened: 07/01/2023

Decision Status

Awaiting Decision

Approved Declined

Suspect Check Image Transaction Date: 07/28/2023 Check Amount: \$55,900.00 \$10,000 +

Notify Customer

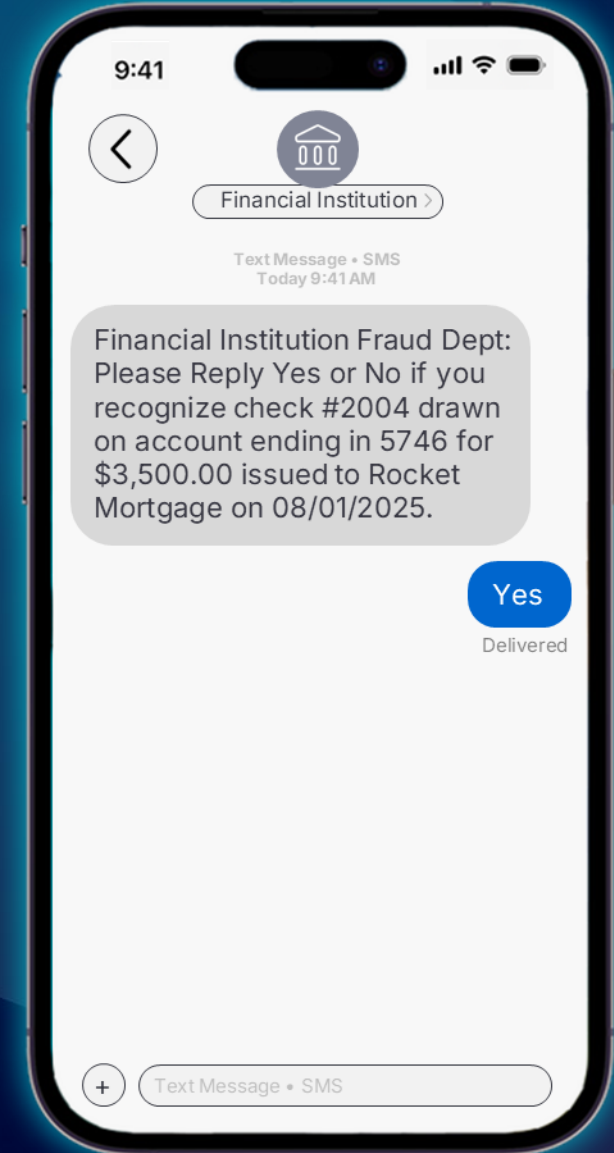
Check Number: 78901 Date: 07/28/2023

A step-up notification will be sent to the following number:

Phone Number (123) 456-7890

Would like to send the notification?

Confirm & Send Cancel



- ✓ Quickly flag and verify potentially fraudulent transactions.
- ✓ Directly involve customers in the decision process via text.
- ✓ Capture customer responses within the platform for analysis.
- ✓ Empower analysts to make informed decisions.





Check Fraud Demonstration

