

## Automations in Dispute Resolutions

Ravi Kiran Kanneganti

Manager, Capgemini America Inc, USA

**\*Corresponding author**

Ravi Kiran Kanneganti, Capgemini America Inc, USA.

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Automations have profoundly transformed the process of **dispute resolution**, particularly in the financial services and e-commerce industries, where managing high volumes of payment disputes (chargebacks) and customer claims is a major operational challenge.

The goal of automation is to drastically reduce resolution time, minimize human error, ensure regulatory compliance, and significantly lower operational costs.

Here is a breakdown of how automation, including AI, is used in dispute resolution:

### Key Areas of Automation in Dispute Resolution

#### Intake and Case Creation

- **Self-Service Portals:** Customers can initiate a dispute through a mobile app or online banking portal, automatically filling in necessary details. This eliminates manual data entry by bank or company staff.
- **Multi-Channel Capture:** Systems automatically ingest dispute requests from various channels (email, call center notes, chat transcripts) and create a structured case file instantly.
- **Intelligent Classification (AI/ML):** AI analyzes the dispute narrative, transaction details, and reason codes to automatically:
  - o Categorize the dispute (e.g., fraud, merchant error, duplicate charge).
  - o Prioritize cases based on urgency or regulatory deadlines.

#### Data Aggregation and Evidence Collection

- **Automated Data Retrieval (RPA):** Robotic Process Automation (RPA) and API integrations instantly pull all relevant data from disparate internal systems:
  - o Core banking systems for customer history and account status.
  - o Payment gateways for transaction records (time, location, device).
  - o Merchant systems for proof of delivery or service.

- **Evidence Compilation:** The system automatically compiles the necessary documentation—often formatting it according to the strict rules of payment networks like Visa or Mastercard—to create a complete, submission-ready chargeback package.

#### Case Analysis and Decision-Making

- **Rule-Based Decisioning:** Simple, non-complex disputes (e.g., small-value transactions that fit a clear pattern) can be resolved automatically using pre-defined business rules, often leading to immediate provisional credit for the customer.
- **Risk Scoring (Machine Learning):** AI models analyze thousands of data points to assign a probability score for winning the dispute. This allows human analysts to focus only on high-risk or complex "edge cases," improving overall throughput.
- **Automated Compliance:** Systems are pre-built with regulatory deadlines (like Reg E in the US) and card network rules, automatically tracking timelines and ensuring every action is documented for audit purposes.

#### Communication and Closure

- **Auto-Drafted Correspondence (Generative AI):** The system generates and sends personalized, legally compliant emails and letters to the customer (e.g., acknowledgment of the claim, request for more information, final resolution notice).
- **Real-Time Status Updates:** Automated alerts or a self-service dashboard keep the customer informed of the status of their claim, drastically improving transparency and reducing calls to the contact center.
- **System Synchronization:** Upon resolution, the system automatically processes the final credit/debit, updates the general ledger, and closes the case across all integrated platforms.

Strategic Benefits for Financial Institutions	
Benefit Category	Impact of Automation
Operational Efficiency	Reduces resolution time from weeks to hours or even minutes. A high percentage of tasks (e.g., up to 90% in some cases) can be automated, leading to significant cost <b>savings</b> and increased staff productivity.
Customer Experience (CX)	Faster resolutions, proactive communication, and self-service options transform a negative event (a dispute) into a <b>trust-building opportunity</b> , enhancing customer loyalty.
Compliance & Risk	Consistent, rule-based processing ensures compliance with complex regulations, eliminating the risk of human error, fines, and costly audits. Every action is tracked for a complete <b>audit trail</b> .
Loss Mitigation	Advanced AI analysis helps financial institutions build stronger cases for invalid claims, improving the <b>net recovery rate</b> and reducing overall losses from write-offs.

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