

# loop.ai Group AUTONOMOUS WIRE TRANSFER AI AGENT

Beneficiario : Kaori Takigawa

Address : Sunrise Kobayashi Building 5F- 11\_8 Higahsi Ikebukuro 3 – CHOME  
Toshima – KU , TOKYO, 170-0013 JAPAN

Importo : 198.000 Yen

Causale : Yr debit note 2021/01 dd26/05/21 ref 1362

Beneficiary : Kaori Takigawa

Bank Name : MIZUHO BANK

Swift code: ~~MHCJ33~~ MHCJ33JPJT

Account n°: 123-1234

Bank Adress: IKEBUKURO Branch, TPOKYO , Japan

*Saldarini Francesco*

*BF Andrea Salvade*

Distinti Saluti  
Francesco Saldarini  
Trustee  
*Saldarini Francesco*

## BUSINESS CHALLENGE

The client still processes over 30% of wire transfer requests on paper forms delivered at branch locations, often handwritten. As labor costs for handling these requests continue to rise, the commission earned per transfer is decreasing.

The client chose to develop an AI agent to automate the majority of wire transfer requests, reserving human intervention for special niche cases. The AI agent must accurately process handwriting recognition, signature validation, recipient bank account details, originator and beneficiary names, AML compliance, and transaction descriptions.

## COGNITIVE SOLUTION

The AI agent developed on the Loop Cognitive Platform processes and acts on wire transfer paper forms, including handwritten ones, scanned at the branches.

### Dark data used for training:

Historical wire transfer processed by the human workforce, along with the corresponding wires created in the banking system.

### Dark data used for inference:

The newly received wire transfer paper request form, written and signed by the bank customer, is

Industry: Banking

## FORTUNE 100 BANK

A Fortune 100 bank operating in retail and corporate banking, with subsidiaries in 70 countries, 196,000 employees, and 30,000 branch offices.

## RESULTS

**80%** PAPER WIRES FULLY AUTOMATED END-TO-END  
with no human involvement for transactions up to Euro 50.000

**86%** REDUCTION  
in unit transaction cost

**100%** PROTECTION OF LEGACY SYSTEM INVESTMENT  
the AI agent operates within the existing banking systems, authorizations, and interfaces used by humans, requiring no changes to the bank's legacy systems

**0%** MISHANDLED WIRES  
by the AI Agent since its production deployment in 2018