

BANKSEALER

Catch financial frauds, the smart way

Who we are

Politecnico di Milano

Top engineering university in Europe



buildo s.r.l.s.

Experts in delivering high quality software products



Secure Network s.r.l.

Leading security firm in Italy



BV Tech S.P.A.

Italian Group focused on technological innovation



Our Awards and papers

2016: Digital 360 Awards



Winner "Banking Innovation"

2016: Security Rockstars



Finalist

2017: CeTIF Fintech Lighthouse



Selected

2017: Member of Fintech District

Fintech District

Membership

BankSealer: An Online Banking Fraud Analysis and Decision Support System

Michele Carminati¹, Roberto Caron¹, Federico Maggi¹, Ilenia Epifani², and Stefano Zanero¹

¹ Politecnico di Milano, Italy
Dipartimento di Elettronica, Informazione e Bioingegneria
{michele.carminati,roberto.caron,federico.maggi,stefano.zanero}@polimi.it

A Supervised Auto-Tuning Approach for a Banking Fraud Detection System

Michele Carminati, Luca Valentini, and Stefano Zanero

Politecnico di Milano, Italy
Dipartimento di Elettronica, Informazione e Bioingegneria
{michele.carminati,stefano.zanero}@polimi.it
luca.valentini@mail.polimi.it



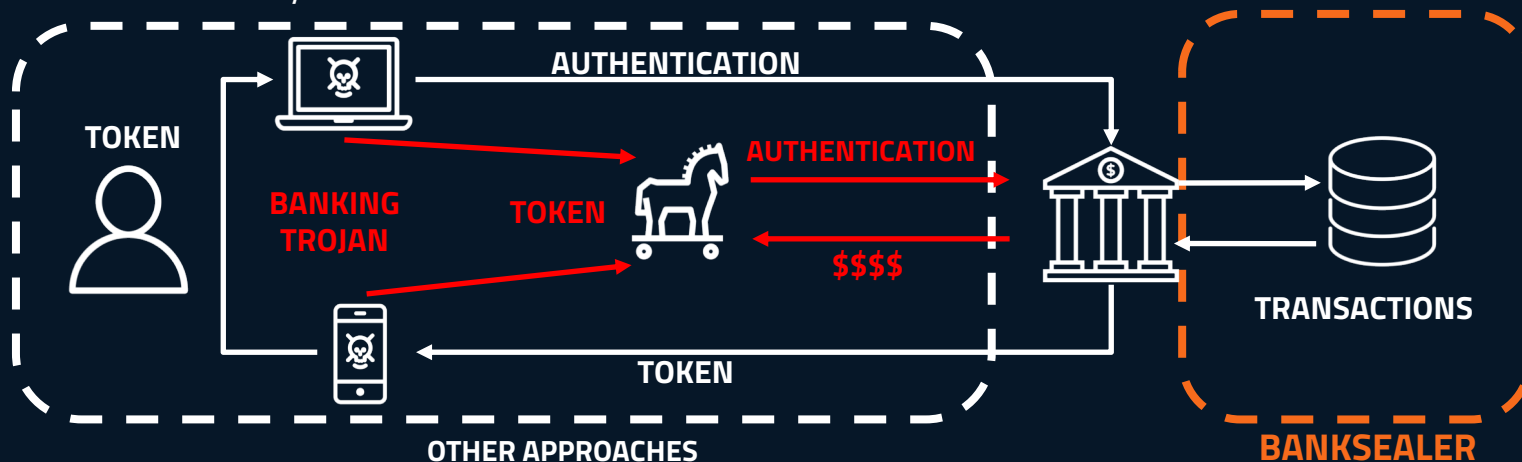
Financial Fraud Scenario

- **Traditional threats**

- Phishing
- Credentials database compromise

- **Advanced and most prevalent techniques**

- Man in the browser (MITB) and man in the mobile (MITM) trojans
 - Transaction hijacking
 - Stealthy frauds



Existing Markets



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Product-wise:

- **Large, complex products:** sometimes even 1 single product is created by more than 1 company -> hard customization
- **Long and time consuming installation:** more than 1 year to have the product up and running
- **Black box mode:** little explanation or hard to find details related to suspicious transactions

Quality-Wise:

- **“Machine Learning”** with no scientific background/evidence
- **High false positives rate:** softwares producing more job without really reducing risks
- **Few top-quality:** only up to ~60% fraud detection capabilities

Price-Wise

- **Inefficient price model:** pay per user, pay per add-ons, pay for support etc.
- **Multi-annual licenses:** hard to adapt to new dangers

The right move with Banksealer

**Explainable
Machine Learning**

**Multi-Level User
Profiles**

**Self-learning
System**

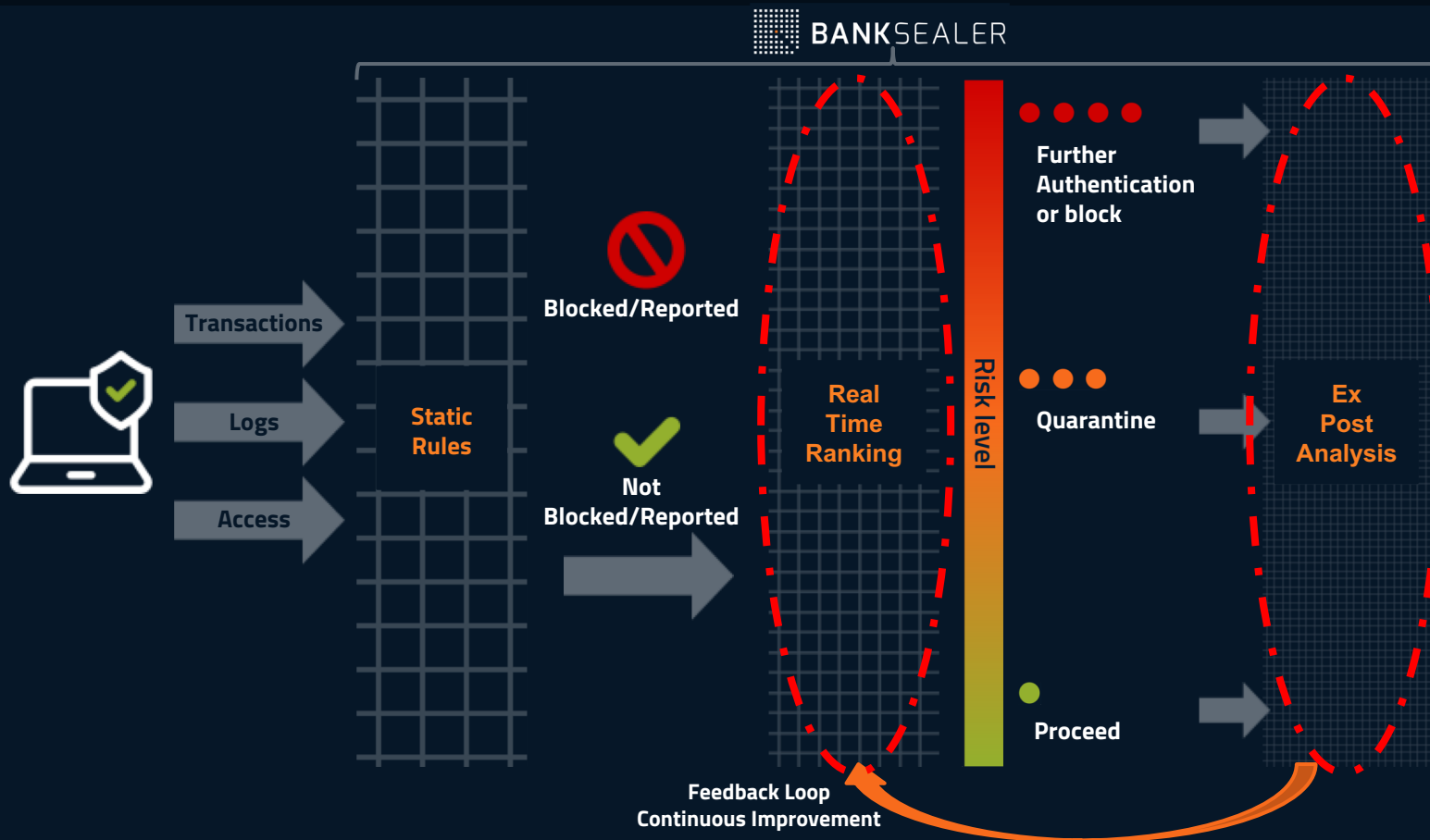
**Static and
Dynamic
Detection**

**Pluggable
and
Adaptable**

Real-Time Banking Antifraud Process

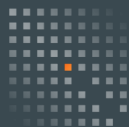


Banksealer: Full-Stack Protection



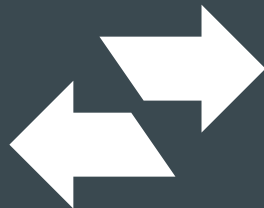
Integrazione SAP

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Grazie al Machine Learning, Banksealer legge e analizza i dati disponibili partendo dai dati contenuti nel Sistema SAP.

Banksealer monitora il flusso di pagamento segnalando le attività anomale e indicando chiaramente le motivazioni alla base della segnalazione

Sistema Antifrode



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Anagrafica
Fornitore



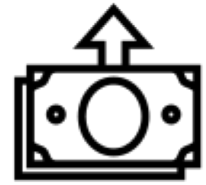
Registrazione e
Sblocco Fattura



Proposta
Pagamento



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Invio Pagamento

Lista Bonifici

Cerca in Bonifici



Dati dal 15-06-16 ore 09.00

Christopher ▾

Seleziona Score

Limita a 20

×

Dettaglio Bonifico



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Thanks!

<https://www.banksealer.com>
info@banksealer.com