

Collect. Develop. Map. **Assess. Detect.**

From academic research

to crime prevention technologies

crime&tech



UNIVERSITÀ
CATTOLICA
del Sacro Cuore

Crime&tech srl (www.crimetech.it) is the **spin-off** company established in 2015 by Università Cattolica del Sacro Cuore and the researchers of Transcrime - Joint Research Centre on Innovation and Crime (www.transcrime.it).

We translate Transcrime academic research into crime prevention solutions for the public and private sector, providing analysis, solutions and tools to **evaluate**, **prevent** and **reduce** crime and security risks.

Crime&tech staff includes **researchers**, **developers** and **experts** from different disciplines (criminology, finance, statistics, IT and law).

crime&tech

translate into crime prevention solutions the academic research of



TRANSCRIME

Joint Research Centre on Innovation and Crime



UNIVERSITÀ
CATTOLICA
del Sacro Cuore

Transcrime - Università Cattolica del Sacro Cuore (www.transcrime.it) applies an integrated approach (criminology, law, economics, statistics, sociology, forensic accounting, data science, IT) in the following areas:



**Organised
crime**



**Financial
crime**



**Money
laundering**



**Illegal
trafficking**



**Urban
crime**

Since 1994, Transcrime has been the major European hub for research in these areas, with:



More than

300

Projects awarded



More than

150

Publications



More than

200

Partners



More than

30

Staff members

A selection of our recent projects:



DATAACROS III

Developing an ethical AI-driven tool-box for boosting cross-border financial investigations on organised crime networks



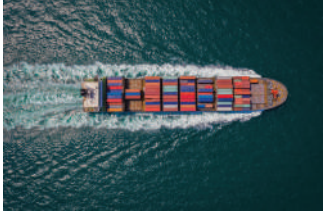
EMERITUS

Environmental crimes' intelligence and investigation protocol based on multiple data sources - Progetto di Crime&tech



FALCON

Fight Against Large-scale Corruption and Organised Crime Networks



PROMENADE

ImPROved Maritime awareNEss by means of AI and BD mEthods



INVERT

Identifying companies and Victims in the Exploitation phase to disrupt the financial business model of adult and child labour Trafficking



KLEPTOTRACE

Strengthening EU asset recovery and sanction tracing against transnational high-level corruption

300 + Research Projects

Transcrime has conducted more than 300 research projects, funded by the United Nations, the European Commission, IADB/World Bank and government agencies at national and international level, aimed at studying and preventing organised and financial crime.

Funded by international organizations, including:



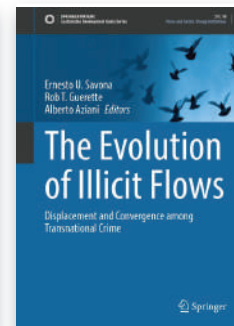
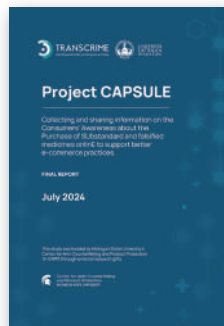
THE WORLD BANK

Discover all our projects: www.transcrime.it/en/projects/



Publications

A selection of our latest publications:



Discover all our publications: www.transcrime.it/en/publications/

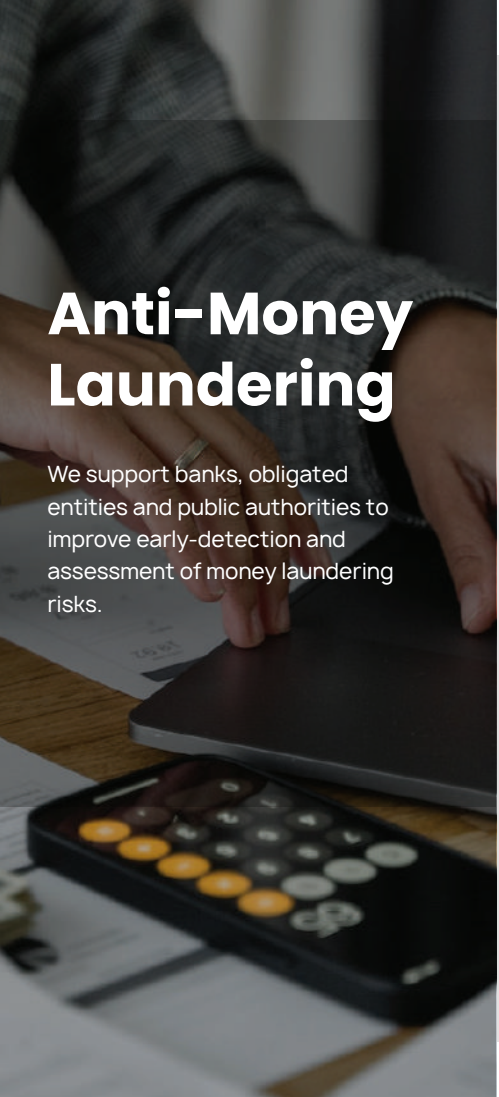
Products and Services

1.
**Anti-Money
Laundering**

2.
**Due
diligence
and
Integrity
Screening**

3.
**Retail
Security
and Loss
Prevention**

4.
**Our
Technologies**



Anti-Money Laundering

We support banks, obligated entities and public authorities to improve early-detection and assessment of money laundering risks.

Sensitivity analysis and predictive models

We carry out sensitivity analysis and consistency checks of the AML classification models currently employed by banks and obliged entities, and we support them in developing new predictive and detection models.

Crime&tech Risk Indicators

Crime&tech offers the market's most comprehensive portfolio of risk indicators for AML/CFT and third party screening, covering territory, sector, ownership and governance, finance and accounting.

Ownership tracing solutions

We provide solutions to help identifying beneficial owners, and to trace complex corporate structures, including those spanning across borders. We process data from business registers, BO registers and global corporate data providers.

Training on-the-job

We provide on-the-job-training to banks, professionals, financial intermediaries and public organisations on emerging AML/CFT issues, such as: beneficial ownership tracing, crypto-currencies, risk profiling techniques, new ML/TF threats and terrorism financing.

Risk reports

We produce risk reports on third-parties and counterparts identified by the client. The reports are customized to clients' needs and can be employed in M&A, fraud investigations, supplier due diligence and procurement screening activities.

Risk assessment dashboards

We provide dashboards and IT solutions which combine data from different sources (company data, ownership data, sanction lists, adverse media, anti-mafia checks, local political officers) and facilitate risk rating of suppliers and counterparts.

Procurement and collusion screening

We develop analyses and solutions which help to detect anomalous links and concentration patterns revealing collusive behaviour and fraud schemes, for example in public/private procurement or among a set of third-parties.

Training on-the-job

We provide on-the-job-training on a variety of topics in this domain, including: anti-mafia checks, regulatory developments in the anti-corruption and anti-fraud domain, effective use of OSINT and adverse media, innovative use of company and beneficial ownership data sources.

Due Diligence and Integrity Screening

We help companies and public bodies to assess the risk of third parties through an innovative approach of models and risk indicators and with dashboards and monitoring solutions.



A tool for onboarding, reputational due diligence and monitoring of third parties.



A tool for anti-fraud and investigations on organised and financial crime.

Retail Security and Loss Prevention

We help retailers optimise operations and counter security threats through targeted analysis of proprietary data, advanced fraud detection models, training on-the-job for security awareness, and large-scale assessment of retail crime trends.

Targeted analysis

We analyse your proprietary data (e.g. inventory or shrinkage data, point of sale or self-check-out transactions, security alerts, suppliers data) to identify problems and opportunities for improvement.

Fraud detection

We develop advanced analytical models to identify cases of fraud or procedural non-compliance. These services are offered as-a-service, directly or in collaboration with our partners. Alternatively, they can be incorporated in third-party IT systems.

Training on-the-job

We provide your team with dedicated on-the-job-training to improve the understanding of retail crimes, increase awareness of security issue and adopt effective remedies or countermeasures.

Big picture assessments

We conduct large scale analysis through surveys, interviews, and data analysis to cover specific knowledge gaps or expand awareness of crime and security trends in the retail sector.

APIs and data-feed

We can provide our analytics services, data and risk indicators (>Brochure) through a variety of channels including APIs, web-services and data-feed, depending on client needs and involvement of third-party technology providers.

Cloud-based solutions and SaaS

We develop cloud-based solutions to provide our services on clients' desk. We develop, internally and with our partners, graphical user interfaces (GUI) which can be customized to clients' needs.

Partnership with technology and data providers

We have established partnerships with leading providers of technologies in the AML/CFT, security and retail domains and global data providers.

Information security and privacy

We are certified ISO/IEC 27001:2022 and we regularly conduct VA/PT and information security assessments of our systems and channels. All our tools and services are subject to data protection impact assessment (DPIAs) to ensure compliance with privacy regulations and ethical principles (e.g. ethical risk profiling).

Our Technologies

We provide our services through an array of secure tailor-made channels which include APIs and web-services, web-based dashboards, SaaS solutions and data-feed. We are certified ISO/IEC 27001:2022 and we have partnership agreements with leading global data and technology providers.



Crimestech is
ISO/IEC
27001:2022
certified



A tool for onboarding, reputational due diligence and monitoring of third parties

Available in cloud-based mode, supported by all major browsers. Functions:



Advanced **screening** and **costant monitoring of third parties**
(customers, suppliers, partners)



Integration of **data** from external providers, including corporate information, adverse media, sanctions lists and PEPs



Identification of **apical individuals**
(shareholders, beneficial owners and administrators)



Real-time calculation of **Crime&tech risk indicators**



Visual analytics tools for processing acquired information



Customisation of reporting, dashboards and onboarding questionnaires



Workflow management and audit trail



A tool for anti-fraud and investigations on organised and financial crime

Available in cloud-based mode, supported by all major browsers. Functions:



Integration of **data** from different sources at global level: corporate data, real estate data, public procurement data, adverse media, sanction lists, PEPs and local administrators



Real-time calculation of **Crime&tech risk indicators**



Reconstruction of complex **corporate networks and other indirect links** (also transnational), with potential concealment of illicit schemes (e.g. collusion in procurement)



Identification of money laundering and **financial crime schemes** (with possible integration of transaction data)



Identification of **geographic concentrations** of potential collusive or fraudulent schemes in public procurement



Customised **reporting**



Customisation of functions based on User requirements

Crime&tech Risk Indicators

Crime&tech offers the market's most comprehensive portfolio of risk indicators for AML/CFT and third party screening.

Risk indicators can be applied to legal entities (companies, corporate vehicles) and related natural persons (shareholders, beneficial owners, administrators).

They cover different risk dimensions:



**Ownership
structure**



**Financial
activity**



**Company
history**



**Territory and
sector**



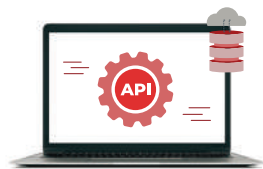
**Political
exposure**

- 1** Developed with and validated by **public authorities** in Transcrime's international research projects
- 2** Empirically validated in international **peer-reviewed publications**
- 3** Employing data from a **wide range of sources worldwide**: corporate data, real estate data, public procurement data, adverse media
- 4** **Customisable** to client requirements under the supervision and **support of** Transcrime and Crime&tech **researchers**

1

Web services

via API connections to
client applications



2

Customised platforms

RISK MASTER
RISK VISIONER



3

Customised analyses

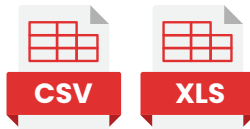
Performed by Transcrime
researchers and Crime&tech
analysts



4

Datafeed

Flat file import allows
clients to integrate
their own applications



Erogazione del servizio

Gli indicatori di rischio di
Crime&tech possono
essere consultati
attraverso quattro
modalità



University Education

Transcrime and Crime&tech coordinate the Master's Degree and Ph.D. Programmes.



BSc in 'Criminology' (Università Cattolica del Sacro Cuore)

- New curriculum from A.Y. 2025/26
- International class, unique programme in Europe



MSc in Crime & Security Analysis - CrimeSec (Università Cattolica del Sacro Cuore)

- Our courses prepare future Security Managers, Compliance Managers, Anti-fraud Analysts
- 500+ Alumni



MSc in Compliance, Business Development and Crime Prevention (Università di Palermo)

- Our courses prepare future Compliance Managers and Risk Managers
- 200+ Alumni



International Ph.D. in Criminology (Università Cattolica del Sacro Cuore)



Summer School

Latest editions:

- AML and Criptocurrencies
- The business model of cybercrime



On-the-job training for public and private organisations in these fields:



AML/CFT



Third-parties due diligence



Compliance



Crime prevention



Retail security and loss prevention

Advanced Training

Transcrime and CrimeTech offer training courses for professionals and public and private institutions to keep up to date with security, compliance and crime prevention.

Clients and Partners

The network of clients and partners of Crime&tech and Transcrime includes private companies, public institutions and authorities, banks, universities, technology and data providers.

Beneficiaries



Banks and professionals



Companies



Data & technology providers



Insurance companies



Public bodies and governments



Research centres and universities

Crime&tech's clients operate in the following sectors:



Retail



GDO



Energy



Logistics & transport



Pharma



Construction & public works



Manufacturing



Finance



Public Sector

Public authorities network:

Transcrime and Crime&tech cooperate with public authorities at national and international level and have signed conventions and framework agreements for the exchange of information for research purposes.

A selection of partner authorities



European Commission



MINISTERO DELL'INTERNO



MINISTERUL JUSTITIEI
AGENCIA NAȚIONALĂ DE ADMINISTRARE
A BUNURILOR INCASTRATE/IMOBILIARE



POLICE NATIONALE



ANAC

AUTORITÀ NAZIONALE
ANTICORRUZIONE

AIFA
AGENZIA ITALIANA DEL FARMACO

AFA
Agenzia Fungibile Assicurazioni



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Crime&tech is
ISO/IEC
27001:2022
certified