

Fraud Management Engine

Product overview

Some words about Norse

Norse is a rapidly expanding Bahrain company that specialises in tailoring large-scale financial products and software for Central Banks, Retail Banks, and financial organisations worldwide.

Our vision is to create and provide innovative financial and payment infrastructure to foster the rapid adoption and development of FinTech worldwide.

Our mission is to provide access to modern financial technologies for all participants in the financial sector, ranging from central banks to individuals.

What is **Fraud Management Engine (FME)**

Fraud Management Engine (FME) is a solution provided **fraud protection** of systems processed financial transactions.

FME is a standard antifraud module for RTGS, IPS and ACH systems.

FME can be integrated with **third-party systems** (e.g. systems of participants) via REST API.

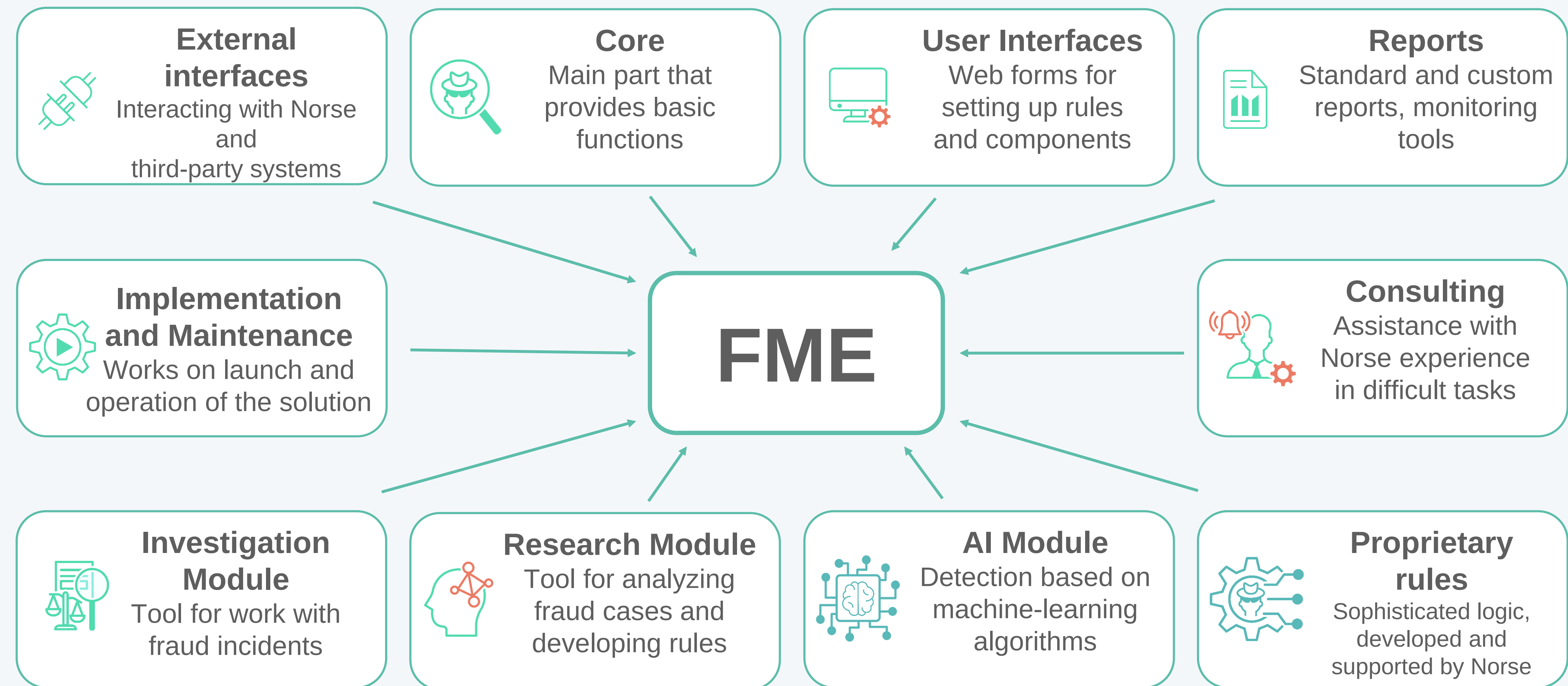
FDE can protect from **different types of fraud** (e.g. account takeover, money muling, internal fraud) and analyze different layers such as central institutions, participants, legal entities and natural persons.

FDE provides high flexibility in fraud detection via an advanced set of rules and criteria. The detection capabilities cover **all major use cases** and meet **international best practices**.

FDE can operate in a **closed environment** without using cloud services or Internet access.

Standard tests show high performance with more than **1000 TPS** (Transactions Per Second).

FME modules and services



Modules and Services (1/3)



External interfaces

- Online module
- Offline module
- Online REST for third-party systems



Core

- Rule-based detection engine
- Rule components: statistics, dictionaries, lists, transaction history
- Set of standard rules



User Interfaces

- Web-based forms
- Single UI for all tasks
- User management
- 4-eyes option

Modules and Services (2/3)



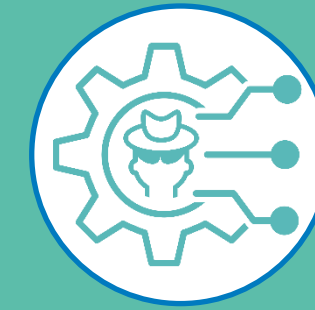
Implementation and Maintenance

- All necessary works for installation, setting and run the solution
- Maintenance covers mandatory updates, bug fixing, question answering



Consulting

- Developing and fine-tuning of rules and components
- Analytics and question answering
- Providing workshops
- Fine-tuning of FMS
- Additional reports



Reports and monitoring

- Standard reports that covers general tasks
- Monitoring bases on OpenTelemetry
- Monitoring reports

Modules and Services (3/3)



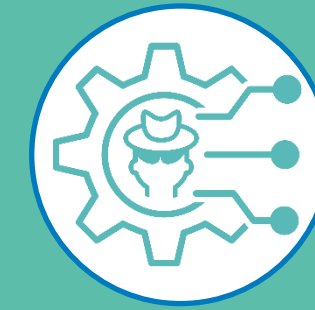
Investigation and Research

- Tools for processing fraud cases
- Tools for developing new rules and components



AI module

- AI detector – creating fraud detection logic without involving fraud analyst
- AI assistant – tool for optimization of detection logic



Proprietary rules

- Rules and related components developed and supported by Norse
- Detection logic is hidden from customer

Thank you.

Contact us to schedule a call