# Sygno

Know good, catch bad

**Uncover transaction monitoring risks with automated modeling of good behavior.**

## Credit Union

### The challenge

- Limited to no inhouse data science capability
- External models not effective for local risks and customers

## The change

### 1 Configure local risk requirements

By configuring all risks into the AutoML solution as a risk requirement for the model generation the credit union can assure that their local risk requirements are sufficiently covered by the generated model. Making the model/ruleset more applicable and effective to meet regulatory requirements

### 2 Move from 0,1% to 99,9% of data

Financial criminals are only a fraction of the payment data, i.e. around 0,1% . By focus on the other (good customer) data a vastly larger portion of the local customer dataset could be used to create predictive models for financial crime detection.

### 3 Enhance the existing platform

By placing these models in the existing transaction monitoring systems the benefits can be reaped quickly and without complex migrations. In the end it is about having right logic that identifies suspicious transactions v.s. replacing systems. This also allows for to complement the detection models with in-house or external expertise or lists.

## Results

**Local models without a local AI/ML team**

**Directly implemented into existing TM systems**

**75% False Positive reduction and 85% SAR increase**

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