



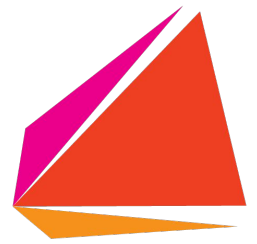
# FNA

Graph Analytics for Fraud & AML





FNA **augments** existing  
Fraud/AML systems with **graph analytics**,  
**saving time and money** in these activities.



# FNA Platform & Dashboard

**FNA Platform** is a real-time graph engine for sophisticated and automated Fraud/AML detection with graph analytics.

**FNA Dashboard** can be easily configured exactly for client's needs in the manual investigation process.

## Advanced Graph Analytics

More than 200 algorithms to use as features in fraud models. Wide range of graph algorithms to identify patterns for AML.

## Real-time

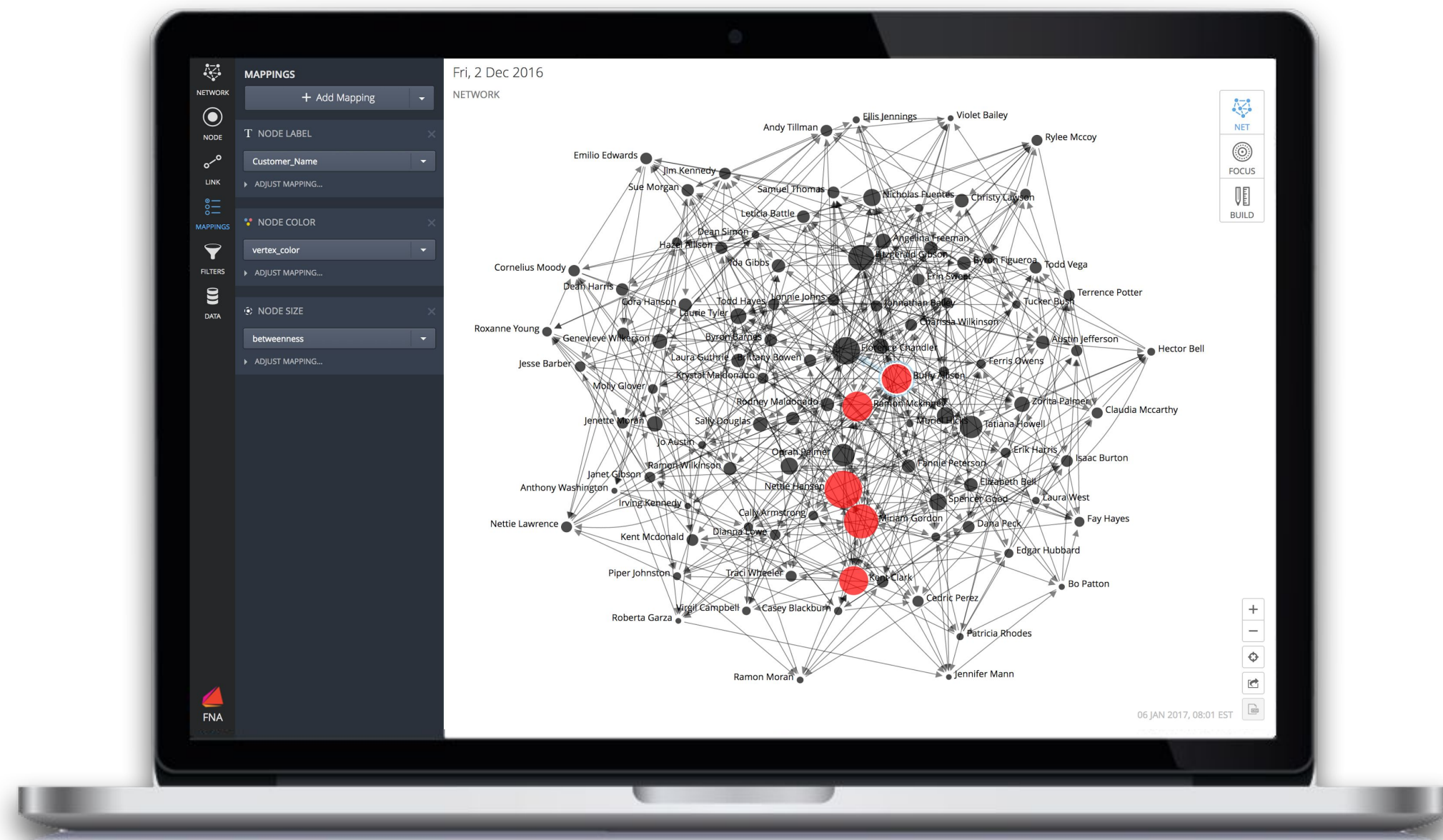
Calculate new graph properties and query mutable graphs in microseconds.

## Scalable

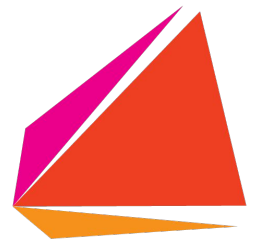
Operate on graphs with hundreds of millions of nodes and billions of links either on-premise or on the cloud.

## Easy Integration

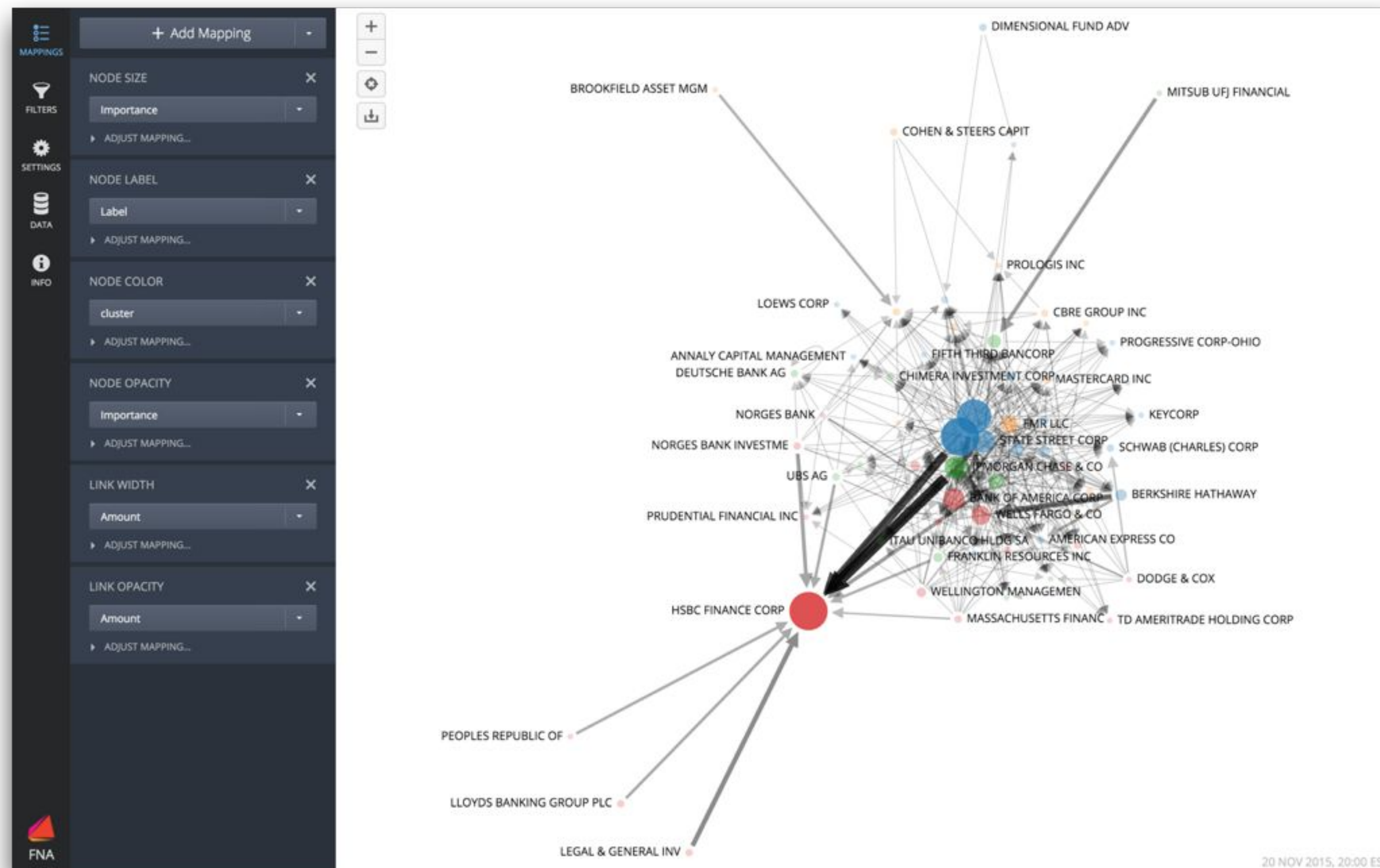
Use APIs to integrate easily with enterprise IT infrastructure, graph databases and external Fraud/AML software.







# Fraud - Automated Detection



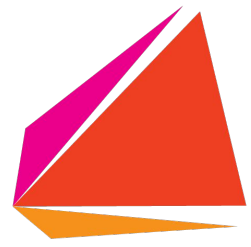
## Method

Payments form networks which can be automatically analyzed by network science algorithms. Existing research on large datasets proved that particular graph properties are good predictors of fraudulent transactions.

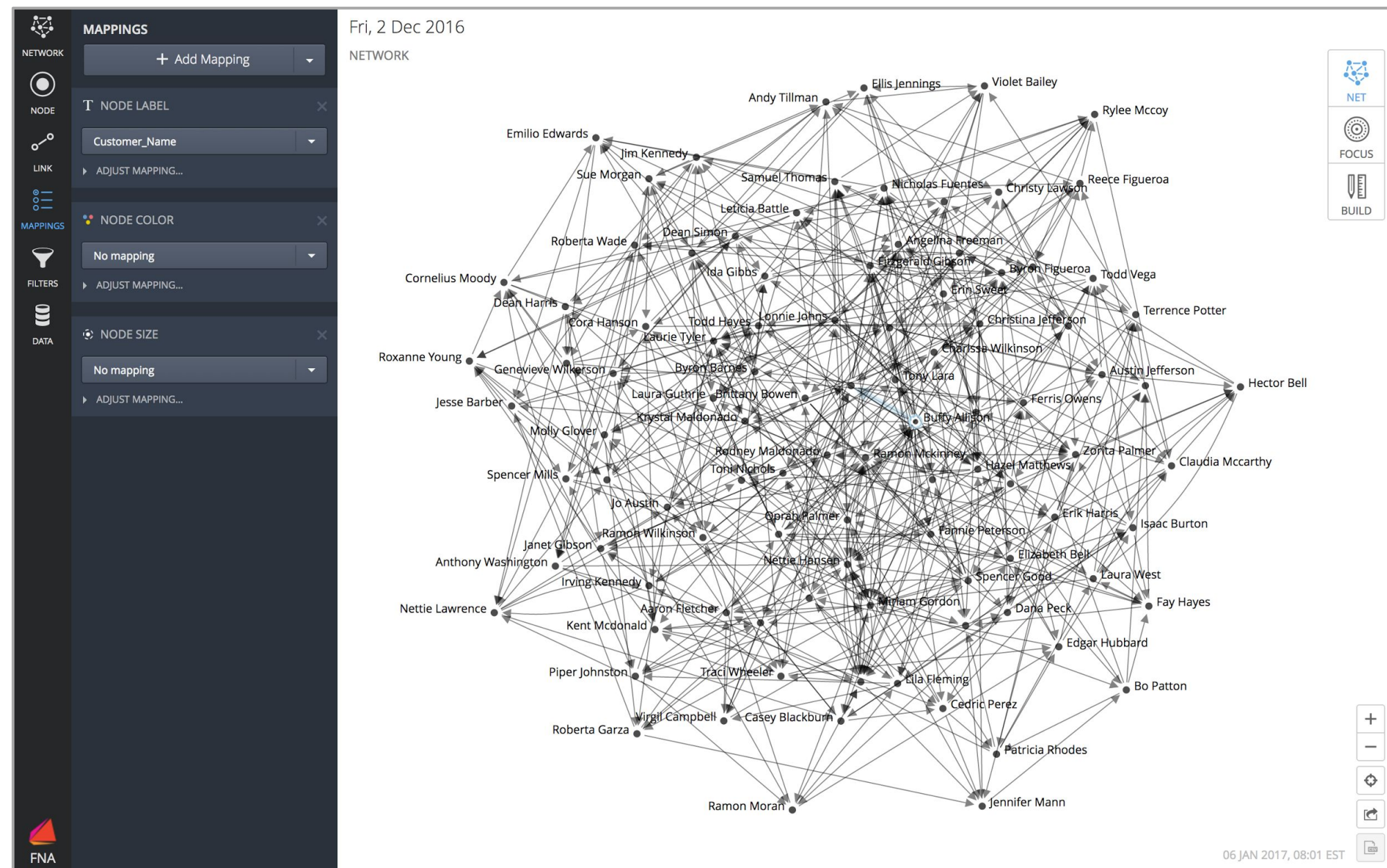
## Benefits

Graphs improve fraud detection by eliminating false positives and identifying true positives more accurately - saving time and money.



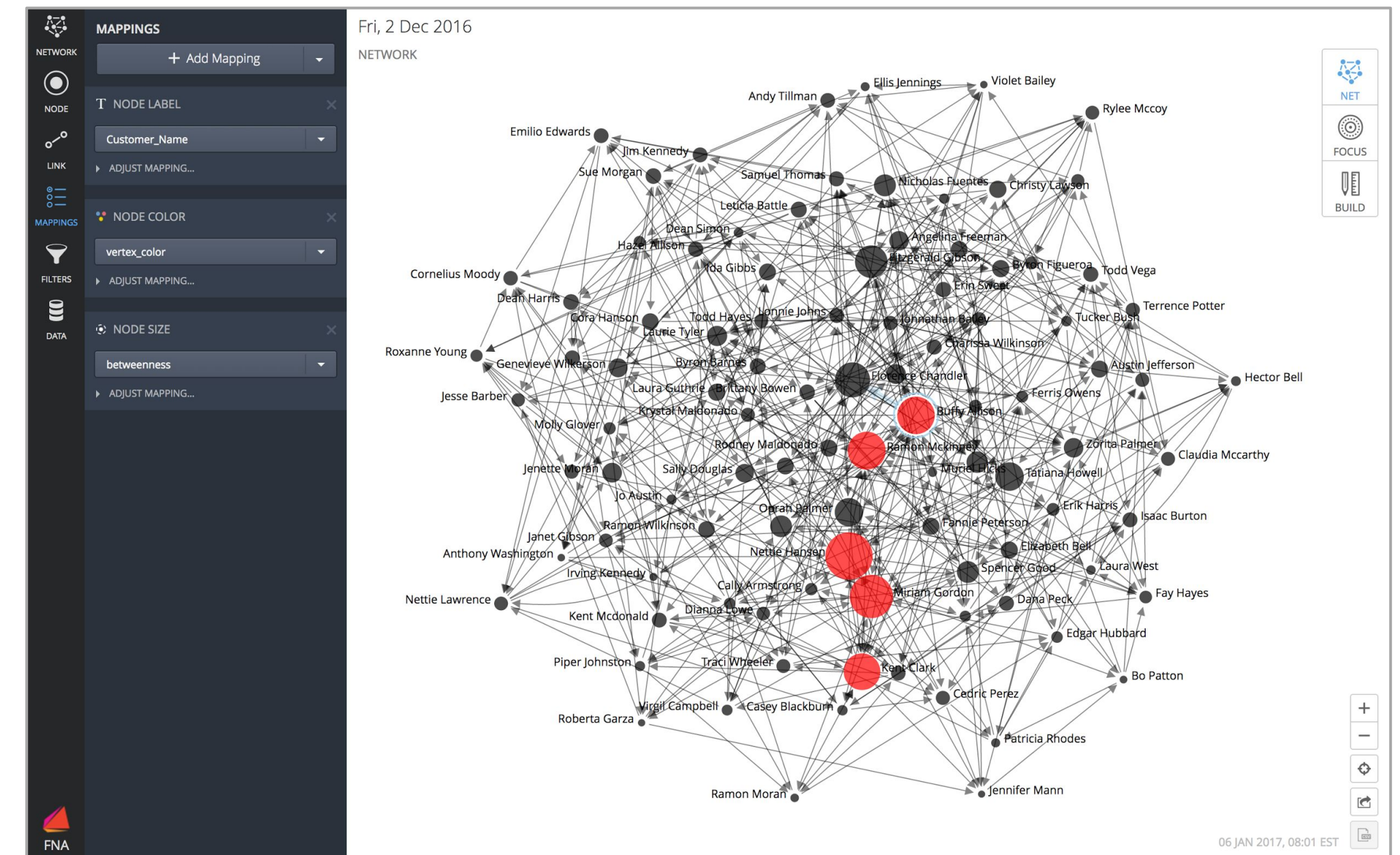


# AML - Automated Detection



## Method

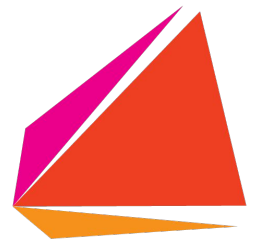
AML detection is based on detecting suspicious patterns. There is rarely a dataset for true positives that would allow the development of statistical models. However, many of these known patterns can be automatically detected with graph algorithms.



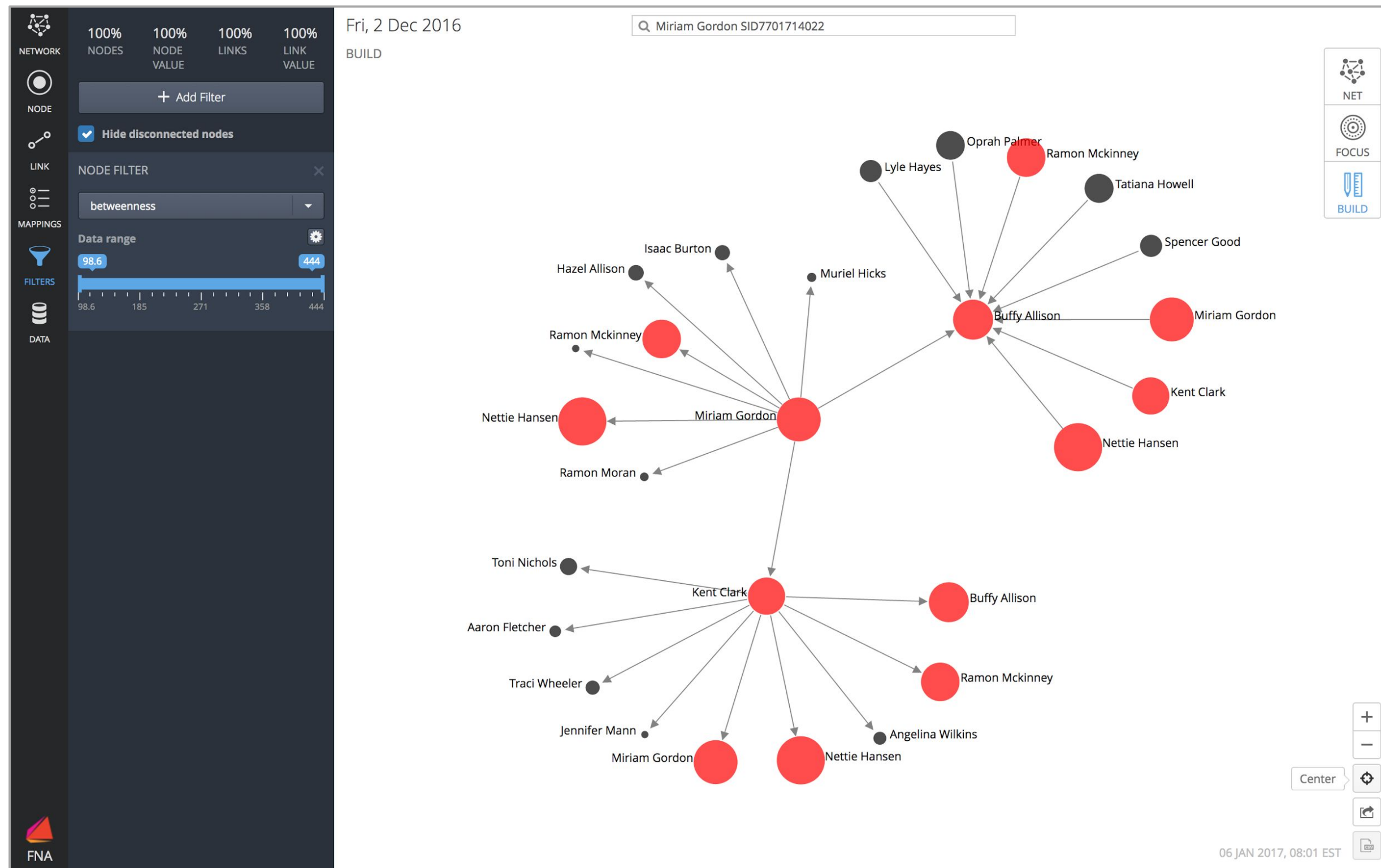
## Benefits

Enhanced ranking of automatically detected AML patterns helps filter out noise allowing manual processing to focus on fewer and more highly qualified leads. This leads to more effective prioritization of KYC activities, saving time and money in AML follow-up activities.





# AML & Fraud - Manual Investigation



## Method

Insightful visual dashboards help manual investigation of prioritized fraudulent cases. The dashboards allow to overlay relevant different data sets, to filter out noise (irrelevant clusters, low risk accounts, etc.) and to recognize fraudulent cases faster.

## Benefits

Less noise, more valid signals. Hence more efficient manual investigation process, saving time and money.



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