



Bitcoin - Blockchain Anti-Money Laundering Graph Visualization Demo

September 2019

Bitcoin - Blockchain anti-money laundering investigation

Customer Challenge

Seek to analyze ALL Bitcoin - Blockchain data to discover money laundering and potential terrorist networks

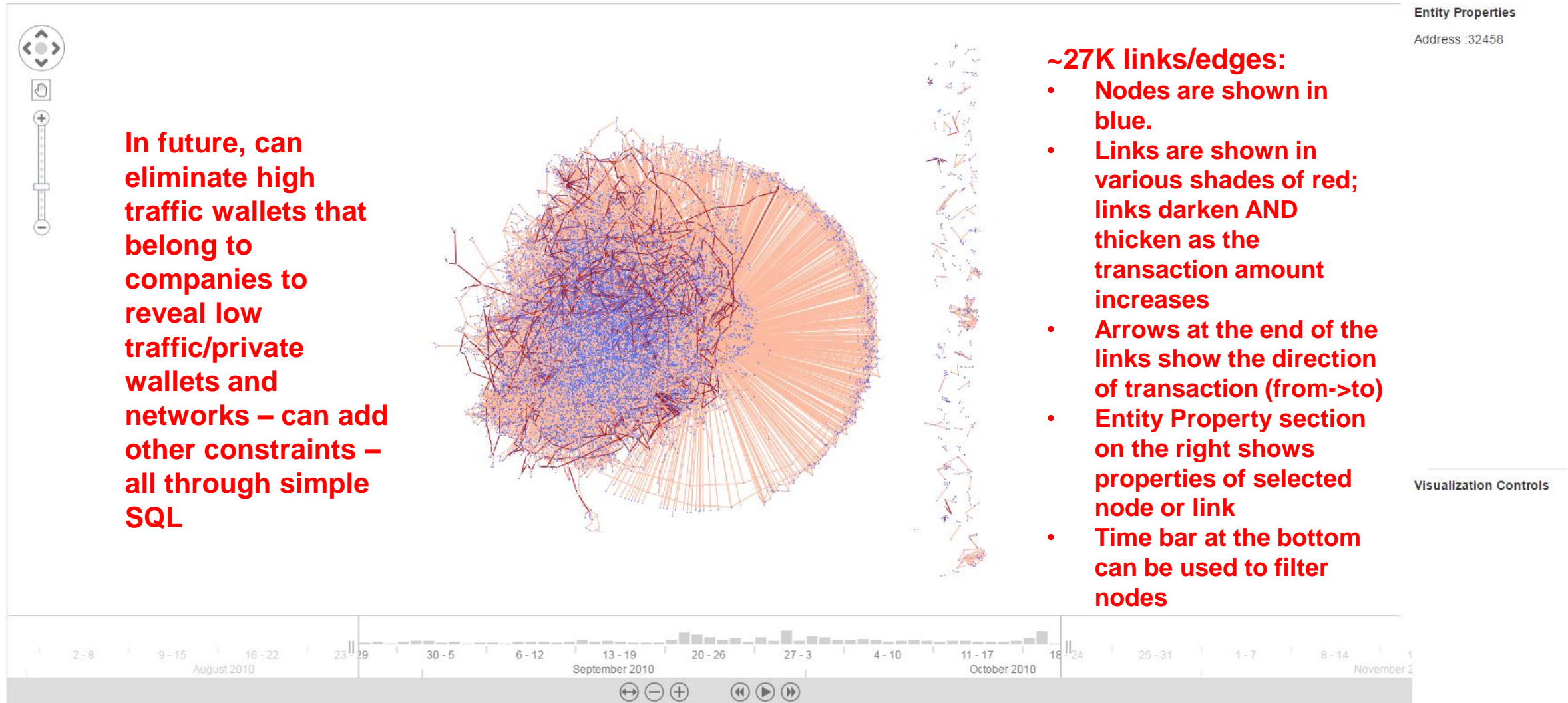
Need a simple-to-use, fast and highly interactive graph database UI with data filtering

SmartData Fabric® (SDF) Solution

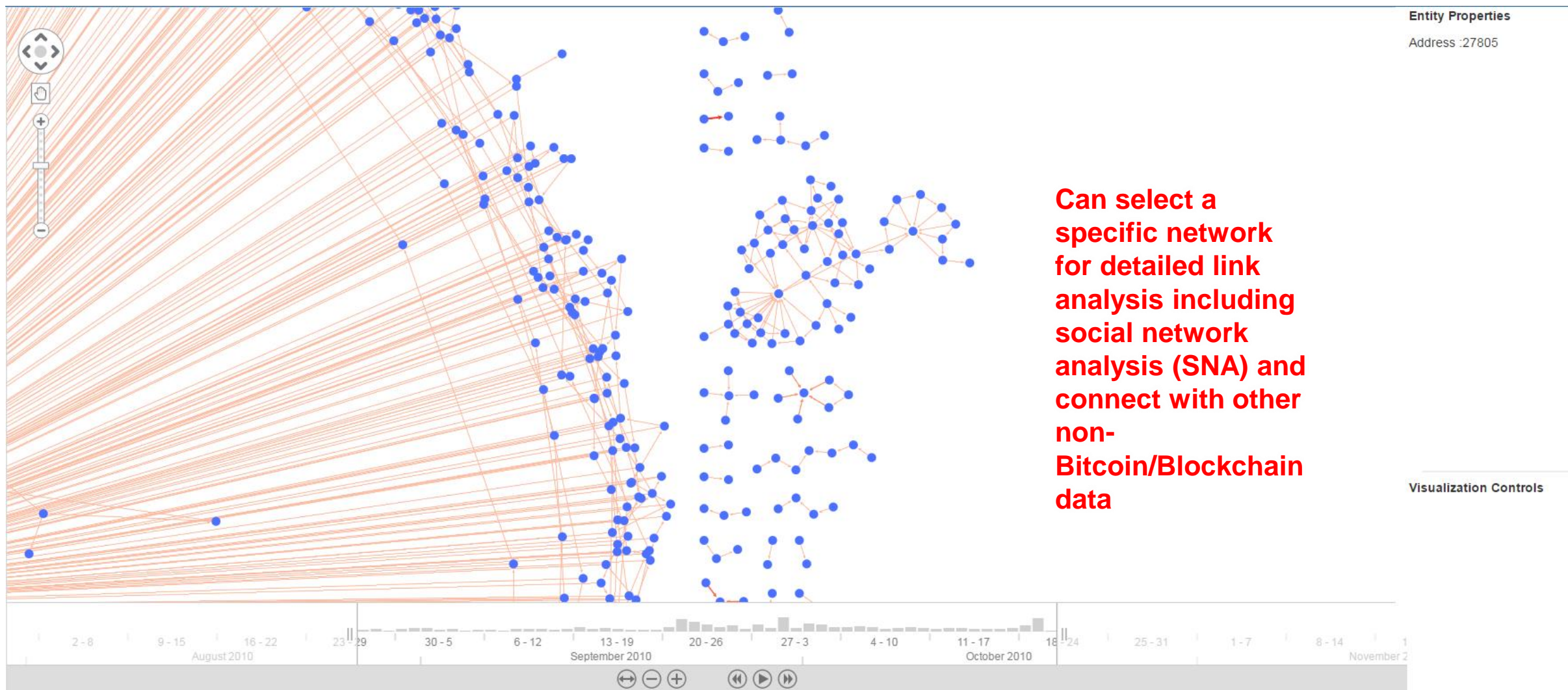
Use the full set of Bitcoin data (publicly available), apply code to provision, and SDF to index, a simple triple store, including pre-aggregated wallet-based net accumulations (general ledgers)

Leverage OEM Cambridge Intelligence KeyLines server-based interactive graph visualization using SQL and develop additional views and controls, as needed

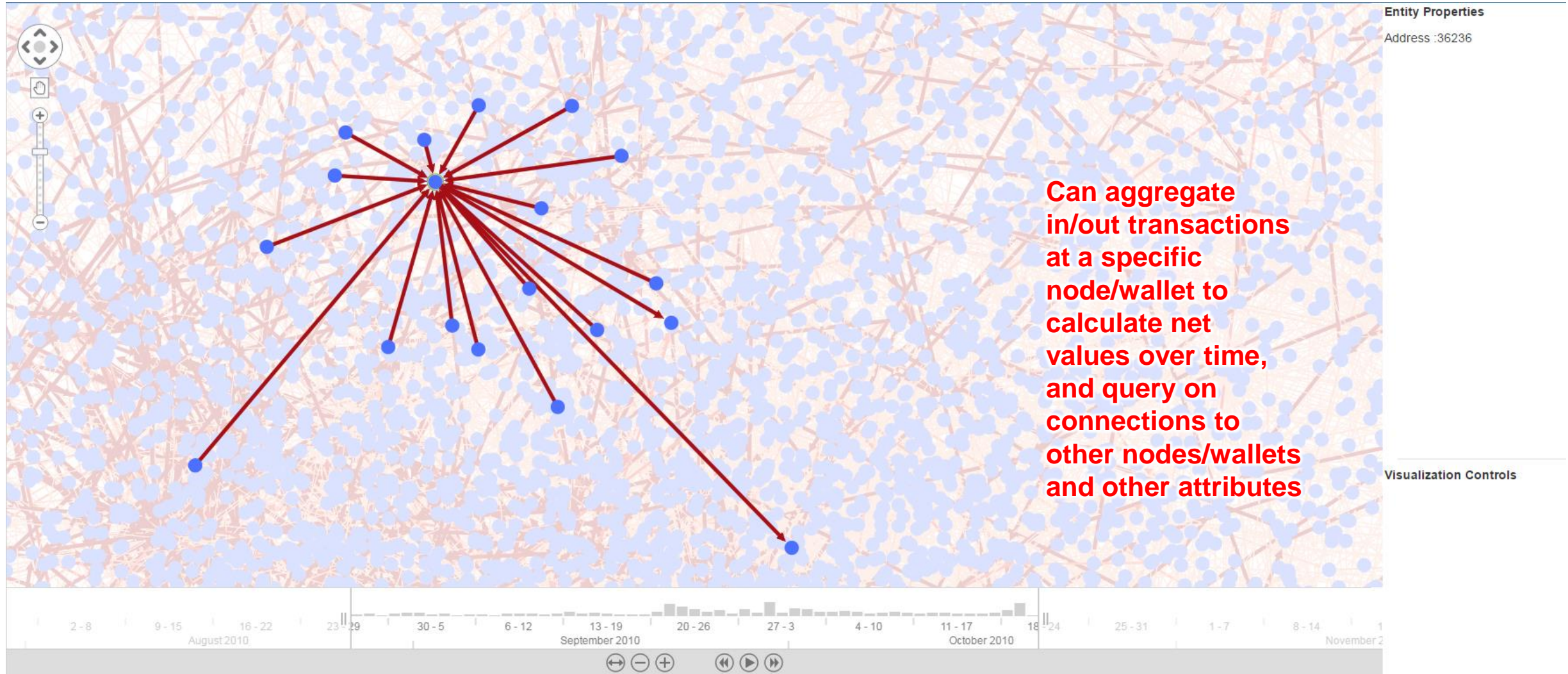
Bitcoin - Blockchain full network visualization



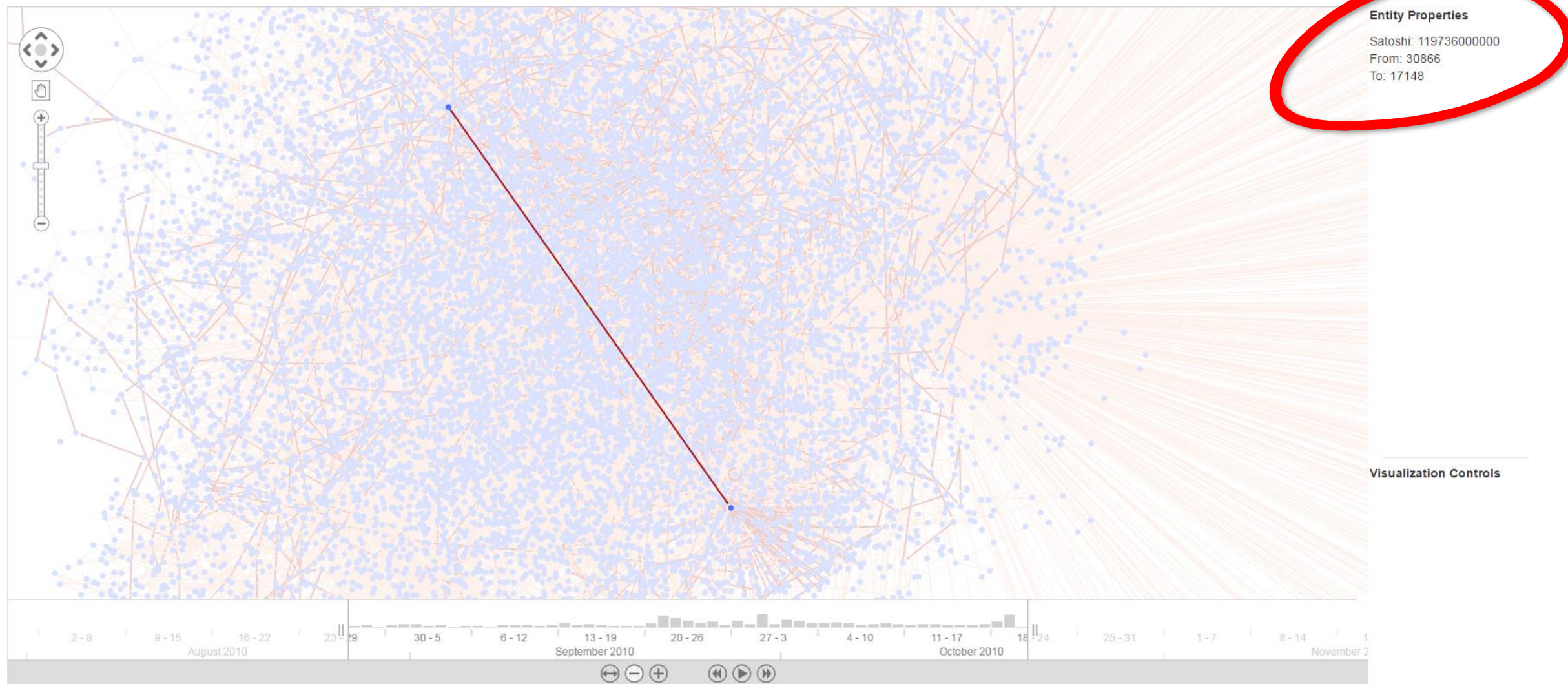
Close-up showing isolated networks on the right



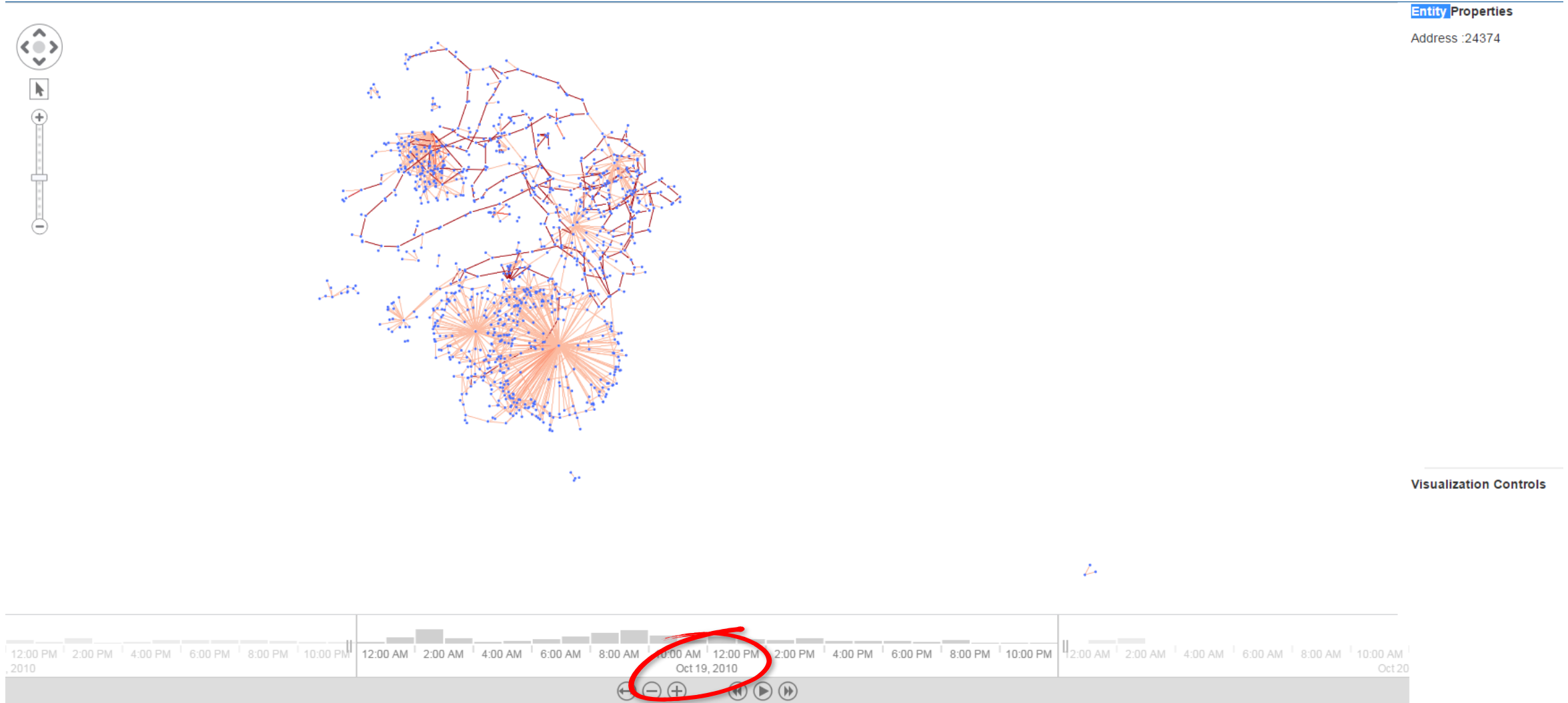
Node selection showing transactions to and from



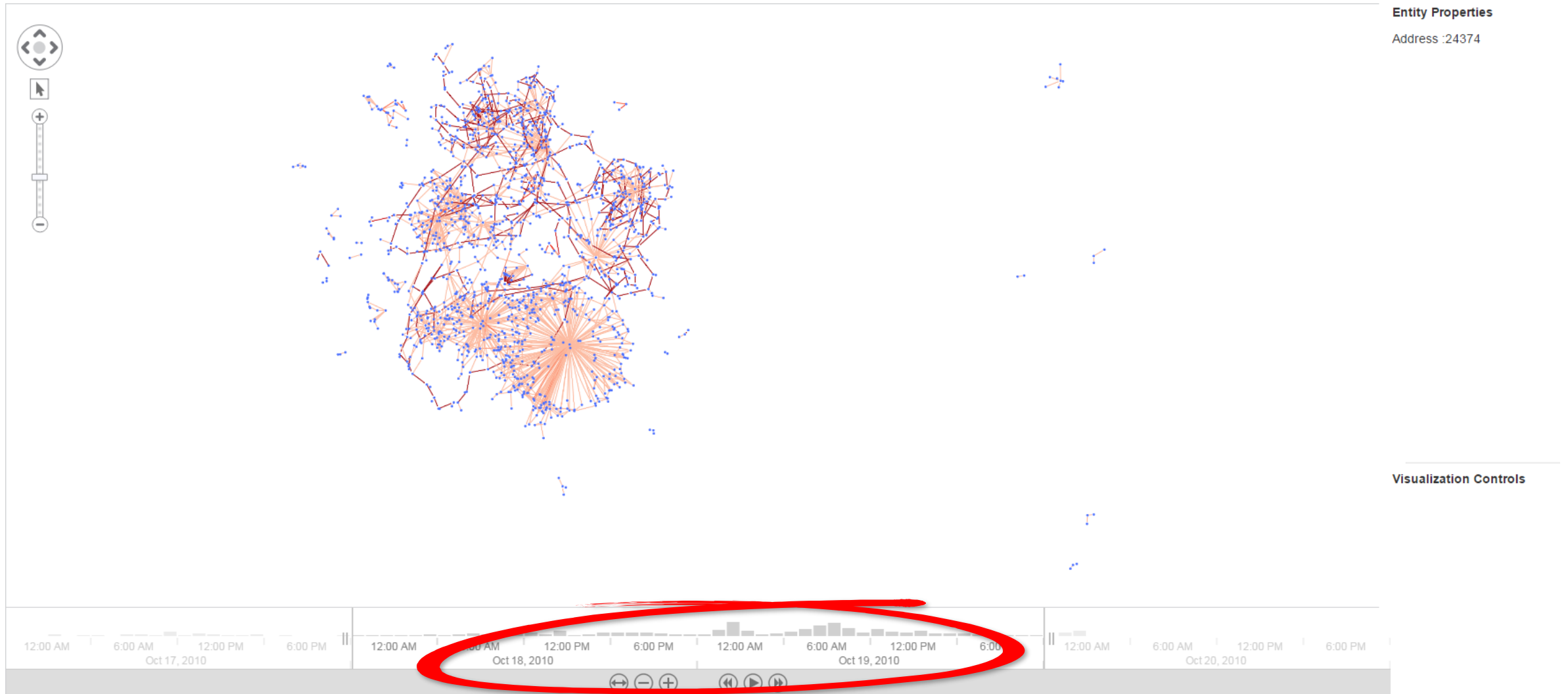
Transaction metadata showing in entity properties



Time-bar filtering for a specific date: Oct. 19, 2010



Time-bar filtering for a specific data range: Oct. 18 – 19, 2010





The End