

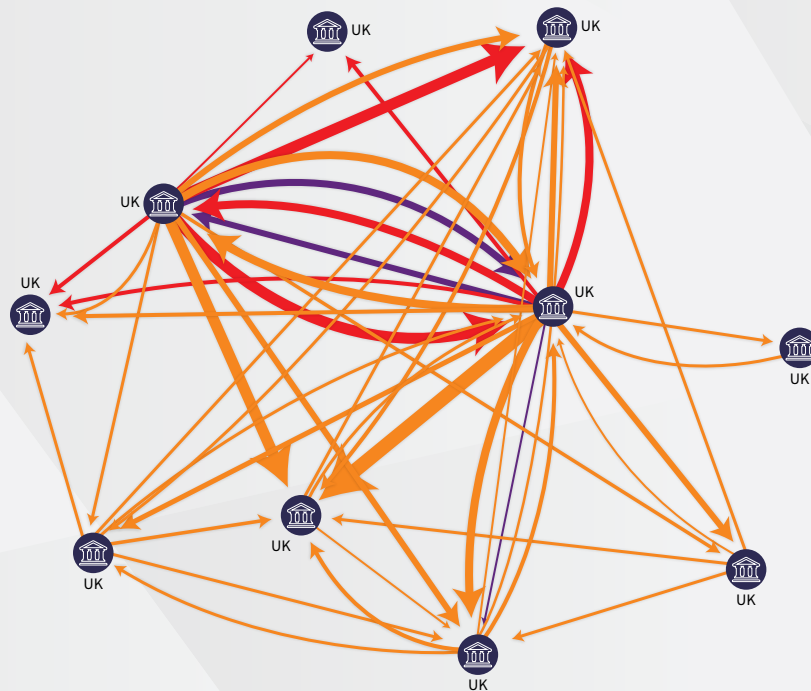
# THE CHANGING FACE OF CYBERCRIME

LexisNexis® Risk Solutions Cybercrime Report  
January-June 2020



## SPOTLIGHT ON THE ANATOMY OF A UK BANKING FRAUD NETWORK

\$17M+ Exposed to Fraud Across 10 Financial Services Organizations



Each arrow illustrates an entity associated with a confirmed fraud event at one organization crossing over to another organization in the Digital Identity Network.

ENTITIES: — DEVICE — EMAIL — TELEPHONE

FINANCIAL SERVICES: BANK

Less than 10 entity overlaps between companies have been removed. A thicker line denotes a higher volume of fraud.

### Detect Fraud and Enhance Decisioning in Near Real Time

Fraudsters – whether opportunists or highly networked fraud rings – need to be identified and blocked the moment they transact. Layer the following core capabilities with digital identity intelligence for the next generation of fraud, identity verification and authentication decisioning:

- An integrated decisioning and orchestration layer that can bring together the insight and intelligence of targeted products and solutions.
- An enterprise view of risk across the entire customer journey.
- The integration of complementary data sets and contextualization for enhanced risk decisioning, for example email and behavioral data.
- Personalized authentication journeys tailored to the needs of individual customers, as well as businesses.
- Cross-organizational, cross-industry data sharing via dedicated consortia.
- The development of transactional network analysis, entity linkage and network visualizations.

### FRAUD NETWORK BY NUMBERS

**10**  
UK banks formed part of a larger interconnected fraud network.

**The network comprised:**

- 7,800 Devices.
- 5,200 Email addresses.
- 1,000 Telephone numbers.

**At the source organization:**

- 25,300 Events were associated with a fraudulent device
- 8,300 Events were associated with a fraudulent email address
- 1,350 Events were associated with a fraudulent telephone number

Most of these events were logins, but there was also a significant volume of new account creations and payments.

**Over 123,000**  
Events at other organizations in the Digital Identity Network were linked to these fraudulent source entities.

**At least \$17M**  
Exposed to fraud across entire network.