

Crypto currency Intelligence: Cointel

SBIR recipient 2014-2015



Crypto currency: the good...



Thuisbezorgd.nl



BITGILD



Microsoft



overstock.com



shopify

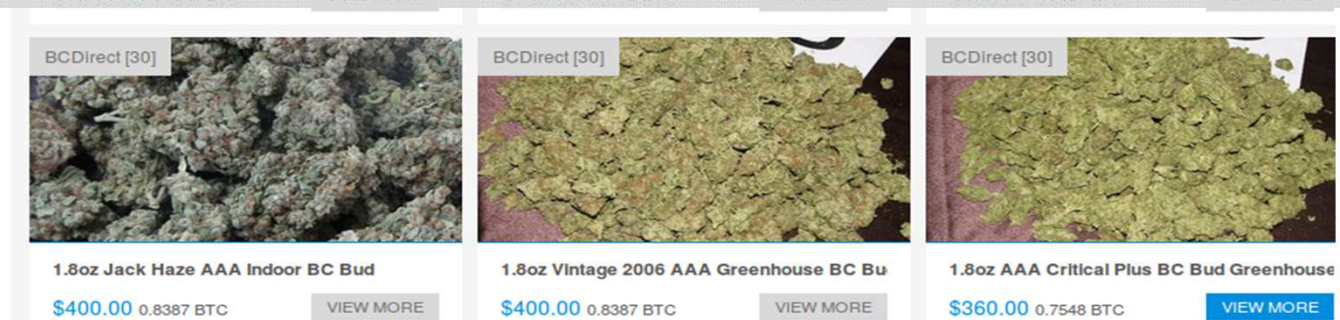
REEDS
Jewelers

Crypto currency: the bad...



- ❑ Drugs
- ❑ Weapons
- ❑ Stolen goods
- ❑ Money laundering

- ❑ Fake products/money
- ❑ DDoS services
- ❑ Violence services
- ❑ Exploitation



The purpose of Cointel

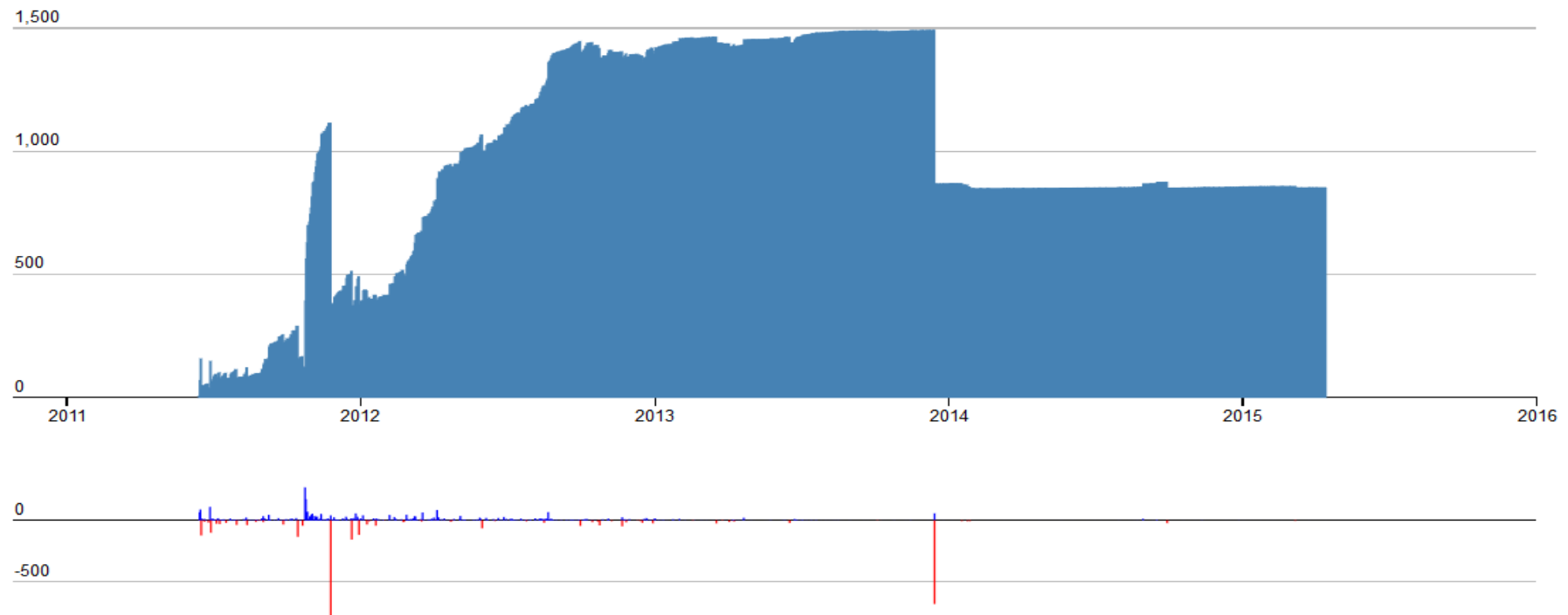
- **Support (forensic) research of crypto currency transactions and their users.**
- It is **possible** to:
 - Cluster transactions by (**grouping**)
 - **Identify** the user (person/organization) - *sometimes*
 - Provide additional information on for example transaction **locations** and **IP-address**



Example graphics (1/4)

PRELIMINARY

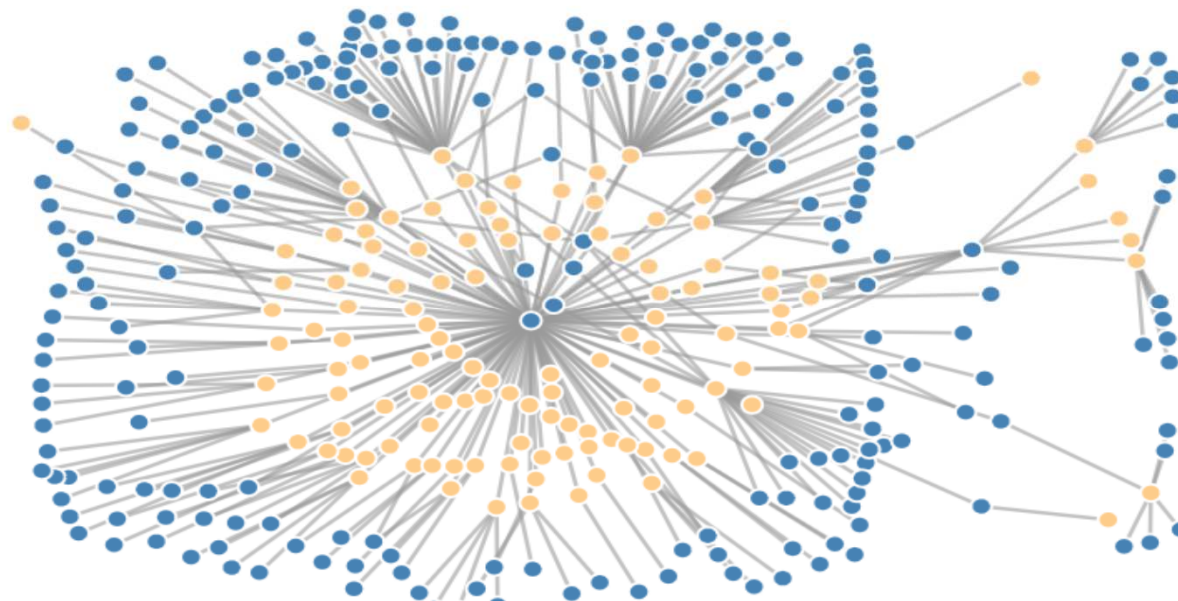
Balance



Example graphics (2/4)

PRELIMINARY

Component structure



Legend:

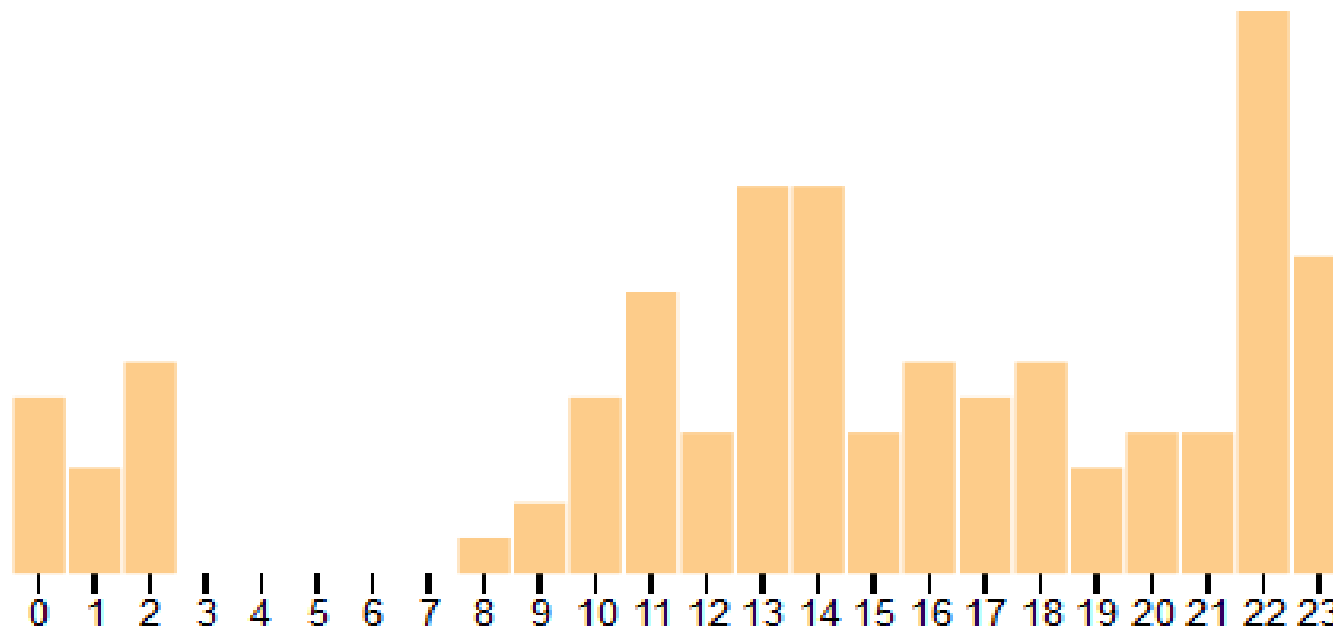
- An address belonging to the entity being analyzed
- A transaction (which links the addresses based on co-occurrence)



Example graphics (3/4)

PRELIMINARY

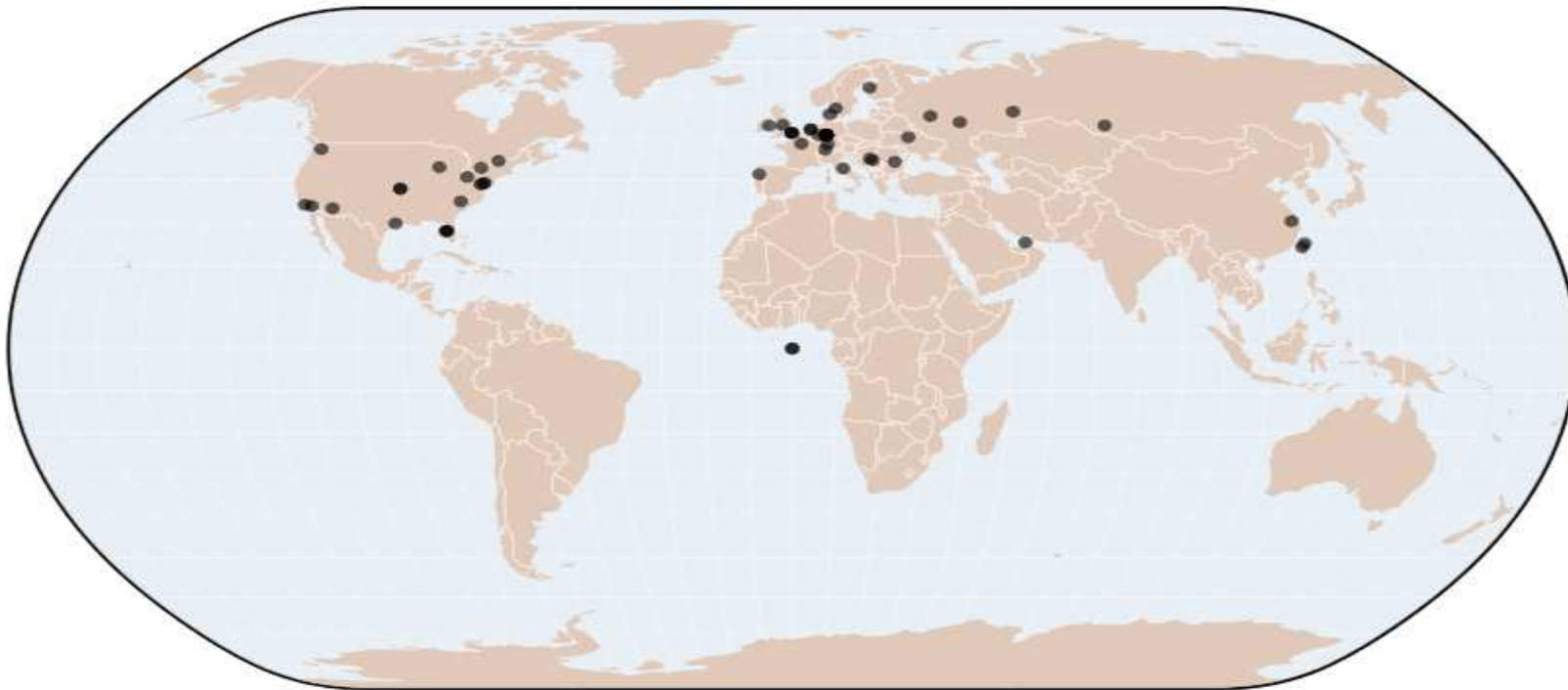
Hourly activity breakdown by hour



Example graphics (4/4)

Geo-IP map

PRELIMINARY



Thank you for your attention



*For questions:
Friso@coblue.eu*

