ELL-i

technology platform provider for
small internet-connected devices

- open source platform

- secure constrained devices

- secure communications over public networks

- built by internet veterans

Building automation and IoT solutions

- poor or nonexistent security models

- unrealistic architectures

  - either blast from the past
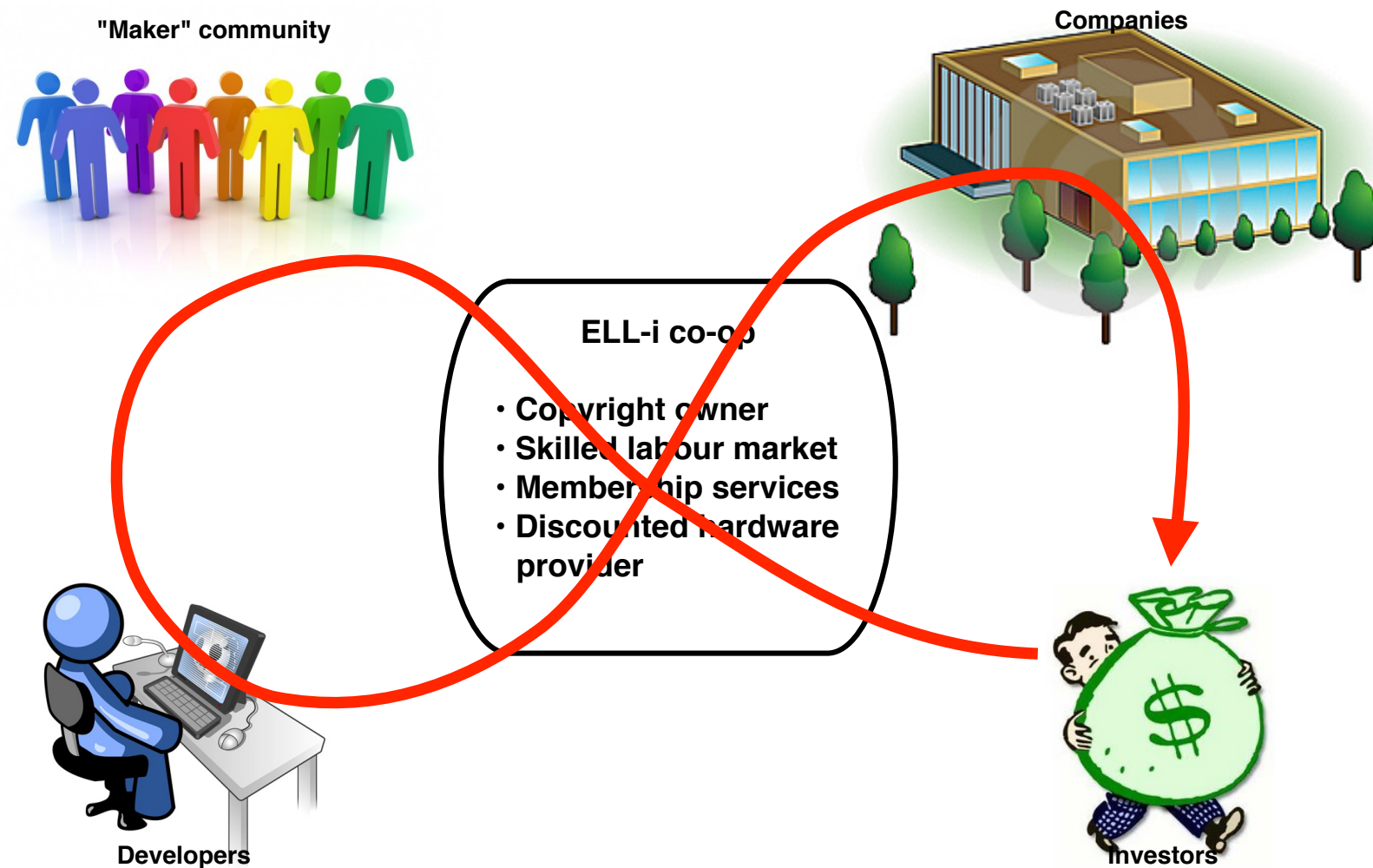
  - or too cloud-reliant

ELL-i solutions

- standard PKI based on open source is auditable

- think how Linux and SSH are perceived in information security circles

Products

- RasPoE - a Power over Ethernet (PoE) splitter board for Raspberry Pi

- PoElli-Nucleo - PoE and Ethernet interface card for STM Nucleo development board family

- Site Controller - software for local control

- Cloud services - software for validating the devices and running data backup and analysis

Business model adapted from foundation-corporate pattern

"Maker" community

Companies

ELL-i co-op

- Copyright owner
- Skilled labour market
- Membership services
- Discounted hardware provider

Developers

Investors

ELL-i open source cooperative

Market & competition & traction

- Market is evolving with lots of opportunities

- There is always niche for a good implementation

- Everybody and their dog want in the IoT

ELL-i open source cooperative

Team

- Eero Hakala CEO

- Teemu Hakala Chief Architect

- Otso Jousimaa HW Designer

- Pekka Nikander Prime Mover

- Jukka Korpihete Creative Designer

- Jukka Kotkanen Relationship Creator

- Markus Levlin Guard of Innovations

- Matti Viita Guard of Electrical Safety