

BOHEMIA MARKET

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One-Way Data Transfer.  
Entirely Secure.  
Unlimited Tags.

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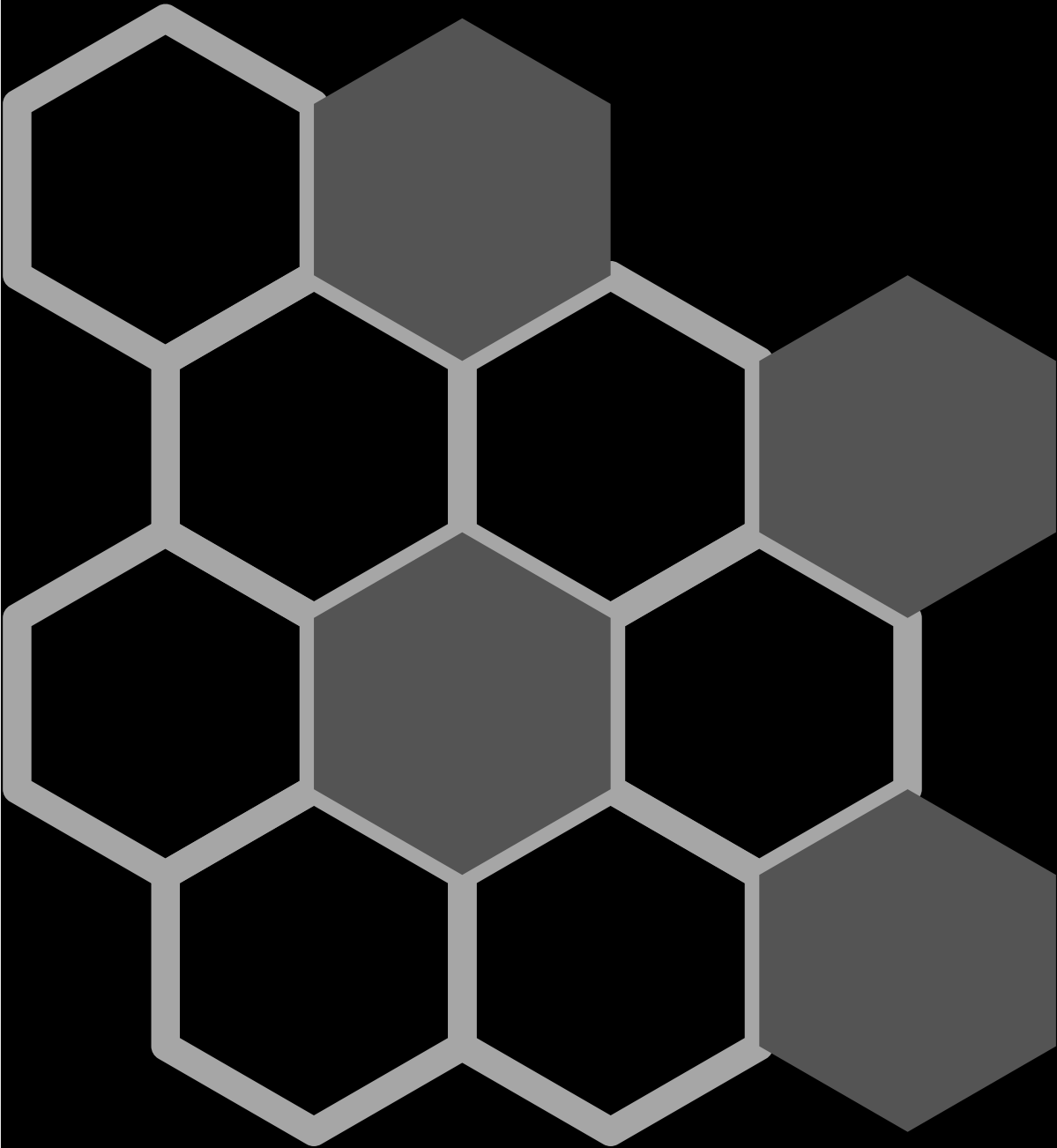
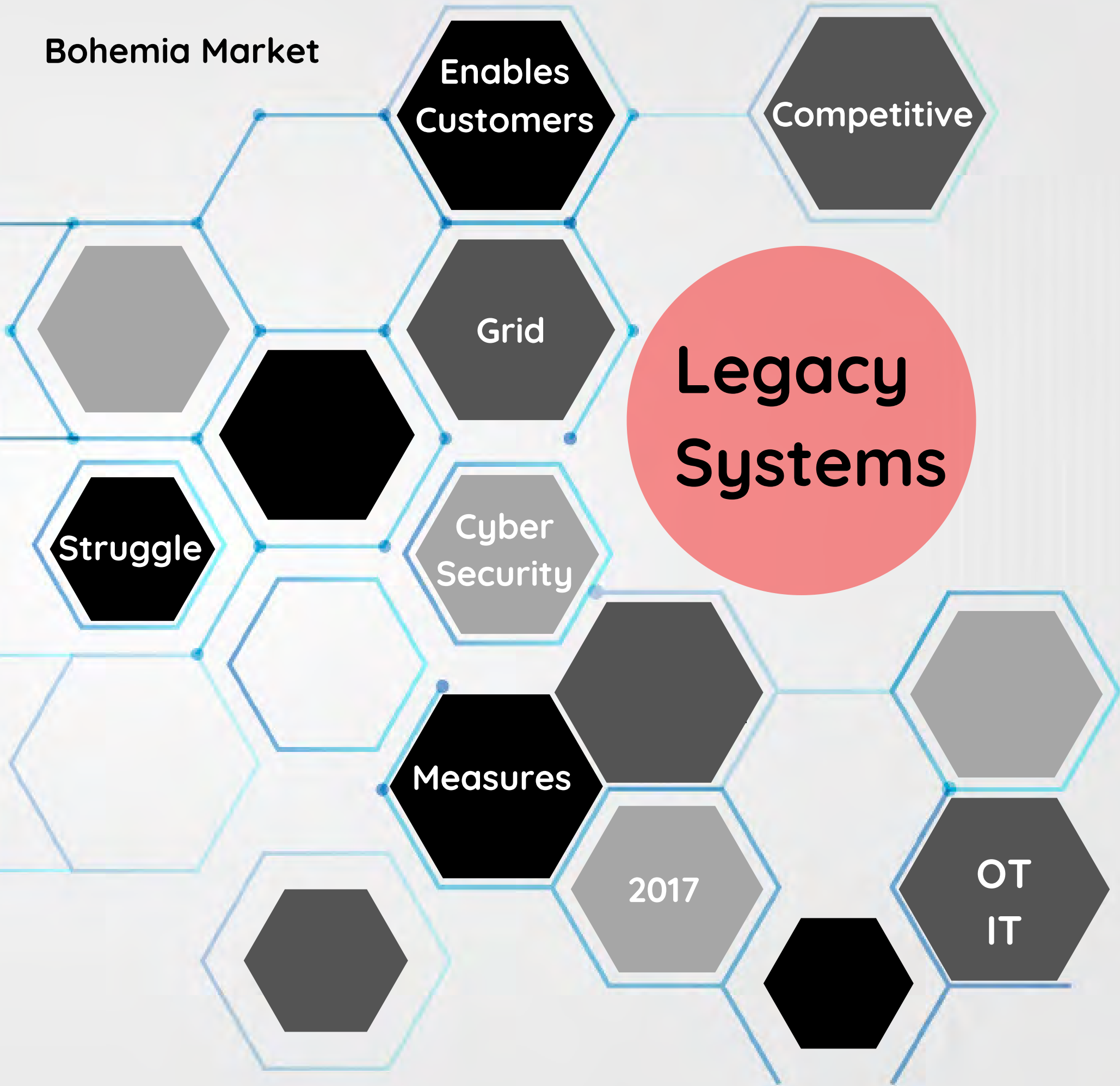
by Petr Roupec





# Cybersecurity

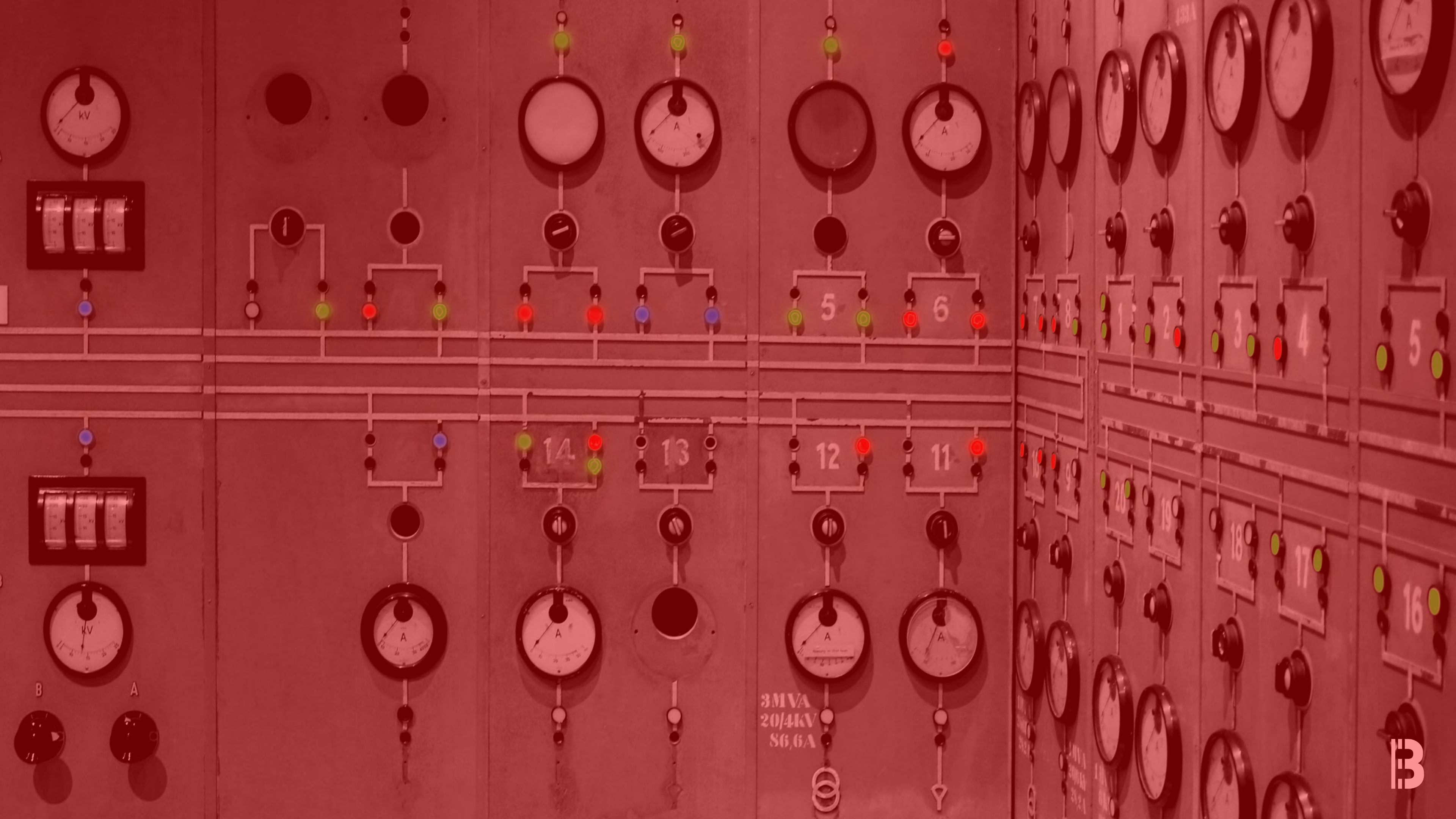






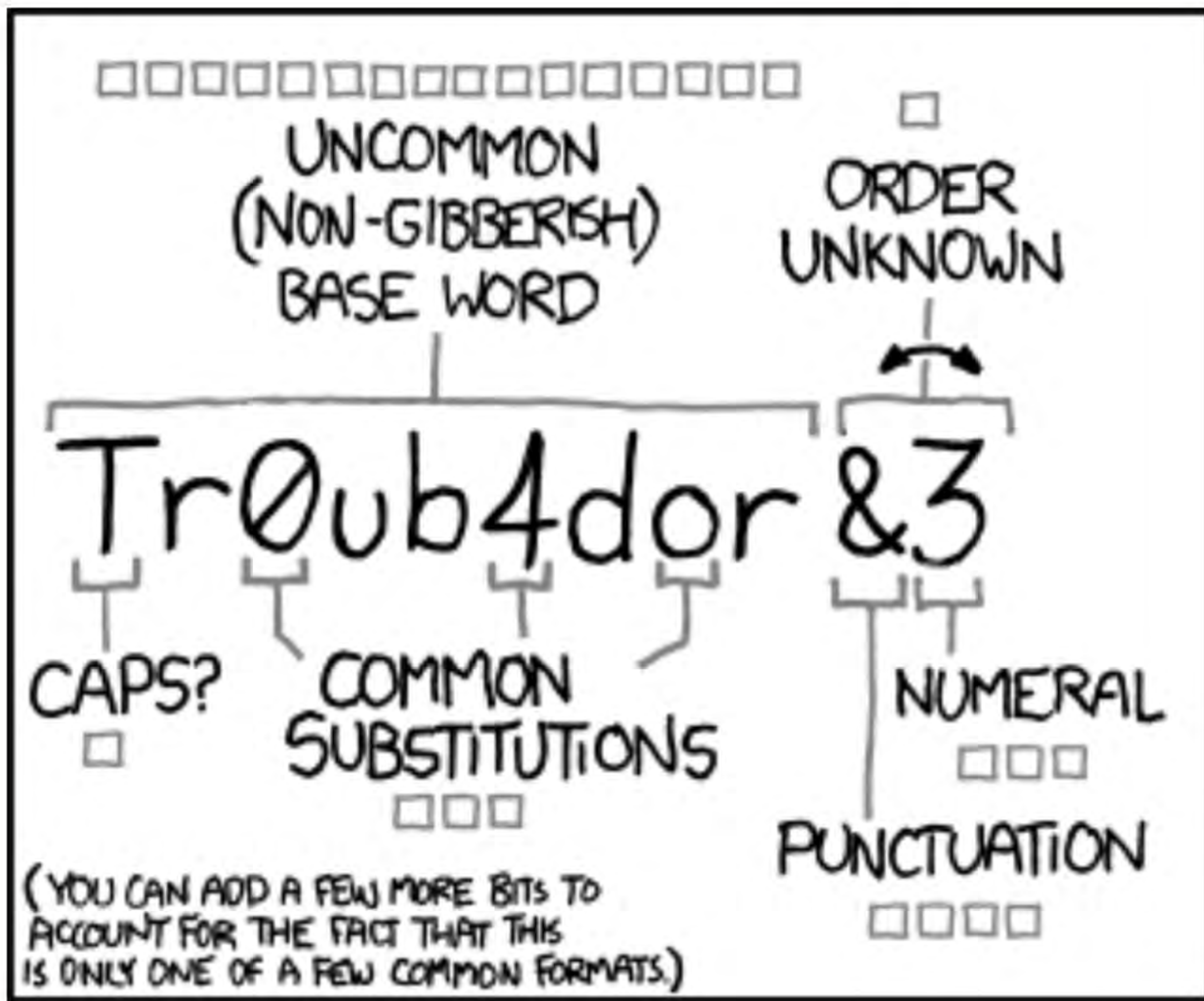






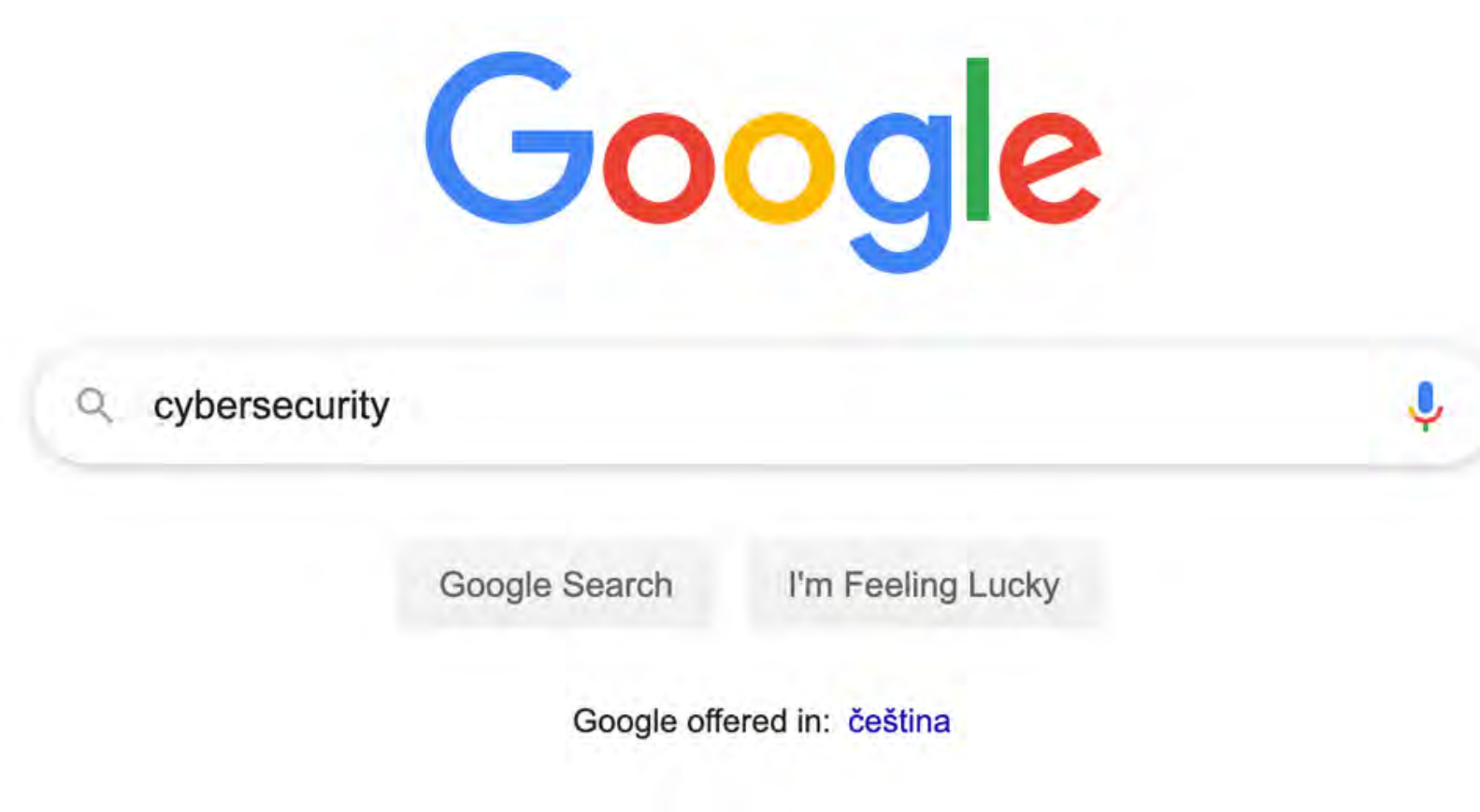
3MVA  
20/4KV  
86,6A





Operator

Proper  
Measures



**+195 million**

results in Google when  
searching for cybersecurity

**L12M**

Interest on the topic has  
increased worldwide

**\$300 billion**

projected worth of the  
cybersecurity industry by 2024





Challenges

Energy  
Industry



Data



Power  
Plants

Systems



Vendors  
+  
Protocols

Complex

Common  
Language

**Hola!**

**Bonjour!**

**Hello!**

**Hallo!**





**Ethernet** **Hart** **TTP** **Unitelway** **ISO 8802.5**  
**WorldFIP** **Profibus-PA** **Batibus** **SNMP**  
**Sercos** **BacNET** **IEC 61158** **P-NET** **SDS** **CiA** **ICCP**  
**EiBUS** **Interbus** **CSMA-BA** **EHS** **CSMA-DCR** **FieldBus Foundation**  
**ControlNet** **DeviceNet** **Profibus-FMS** **EN 50254** **M-PCCN**  
**Profibus-DP** **DWF** **Modbus** **TTP-A** **TCP-IP** **FDDI** **FIPWay**  
**TTP-C** **EN 50170** **TASE2** **IEC** **ISO 8802.4** **WDPF**  
**MMS** **ISO 8802.3** **Sinec** **ControlFIP** **PLAN** **JBUS**  
**FIPIO** **LON** **CSMA-CA** **Seriplex** **TOP** **Mini-MAP**  
**CAN** **UCA** **F8000** **Profisafe** **CSMA-CD**  
**Bitbus** **ARINC** **MAP** **UIC 556** **Digital Hart**  
**M-Bus** **IEC 6375** **CIP** **LocaFIP** **GENIUS** **OPTOBUS**  
**J1850** **WITBUS** **VAN** **Euridis** **Sycoway**

**J.P. Thomesse, Novembro de 1999**

**People**

**Speak**

**Different  
Languages**





# Data

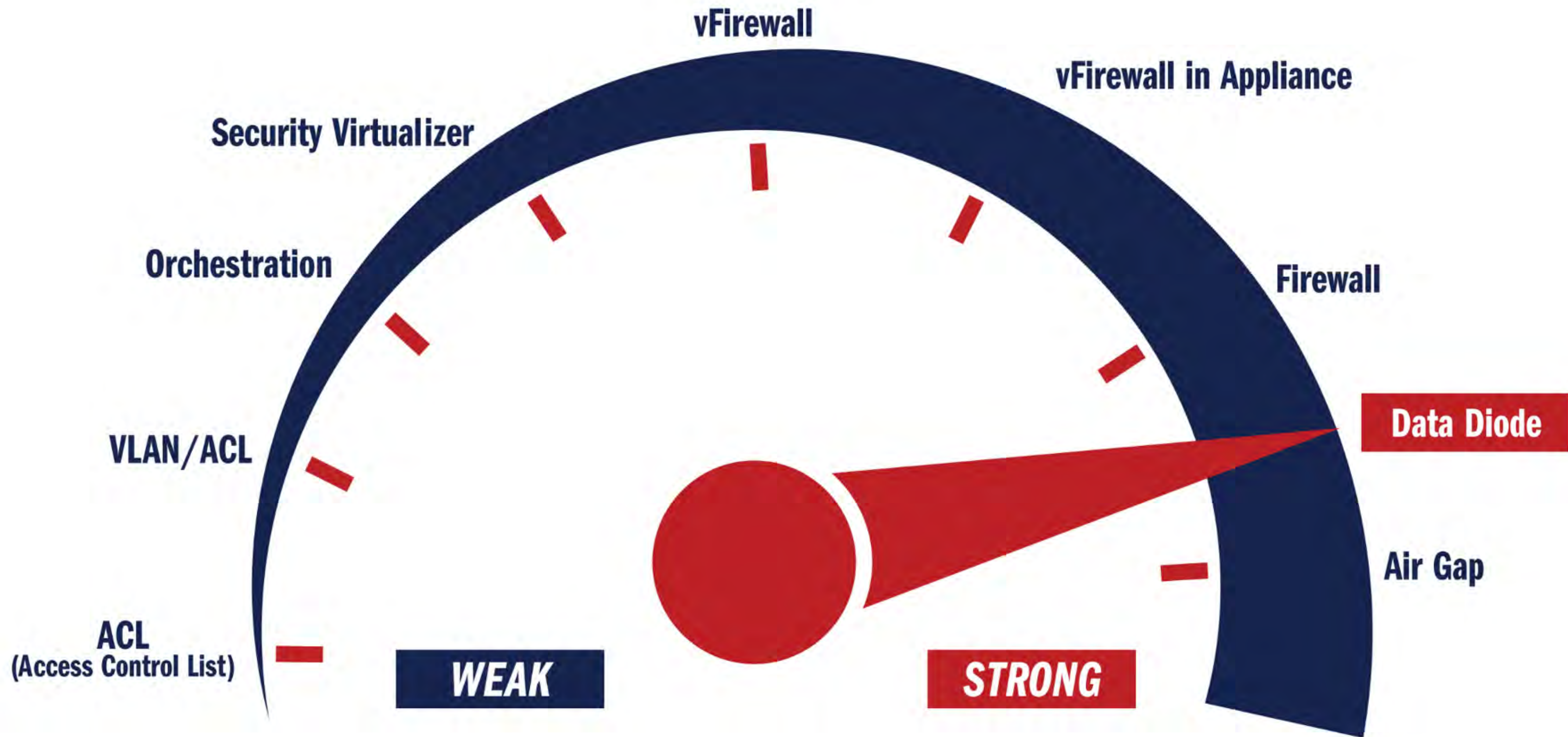
Is there any safe way of  
transferring it?



**"Let's make  
the Perimeter great again"**

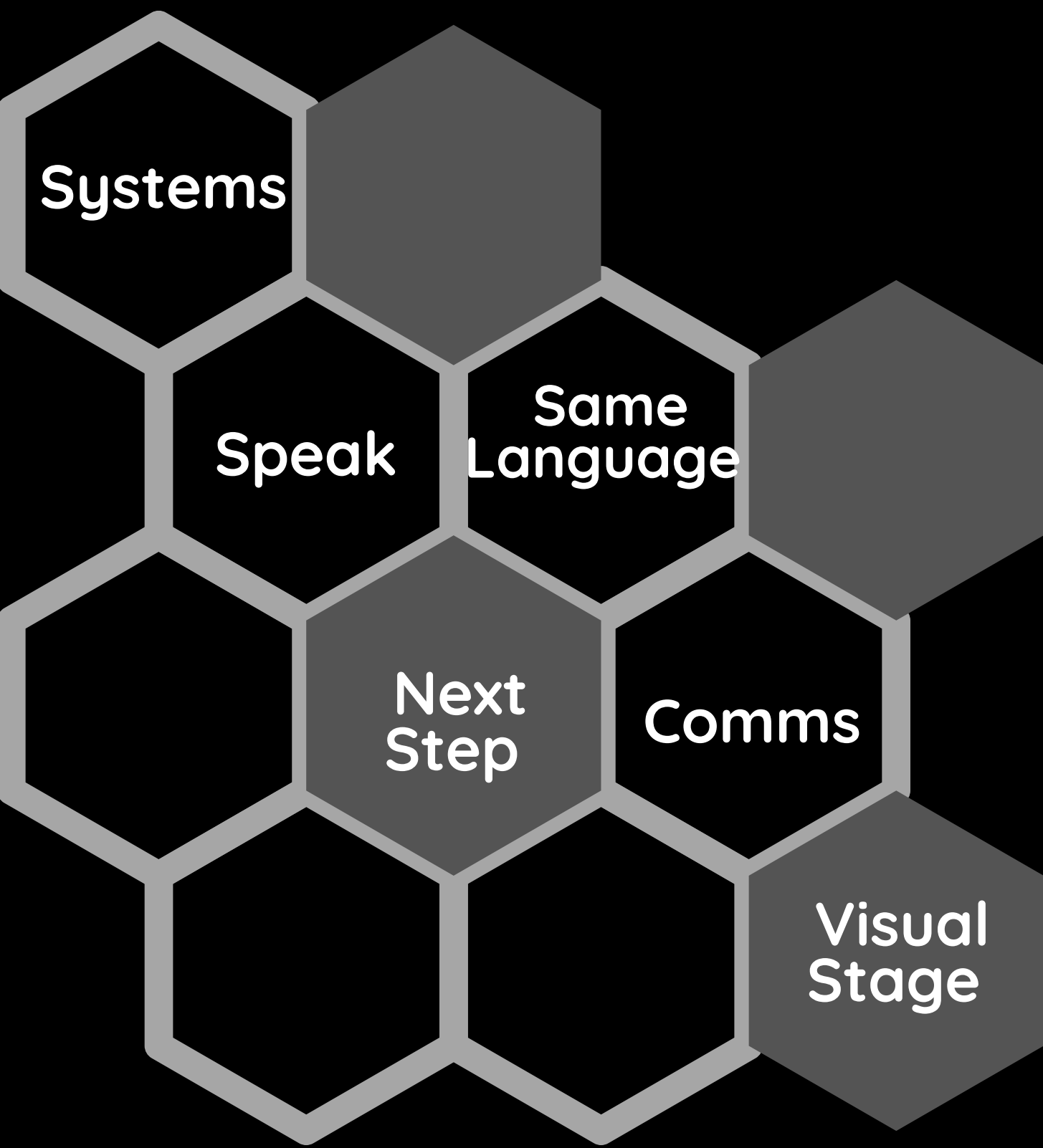






Source: Owl Cyber Defense





Jeden obrázek  
řekne víc než  
tisíc slov



# Jeden obrázek řekne víc než tisíc slov



