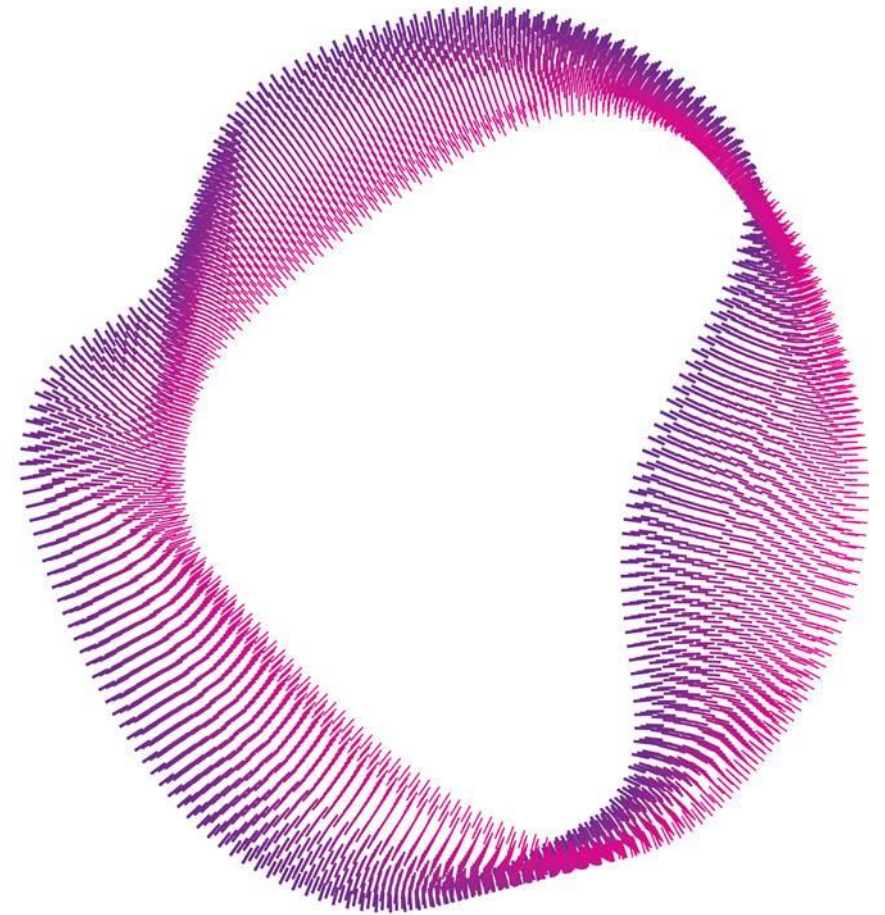


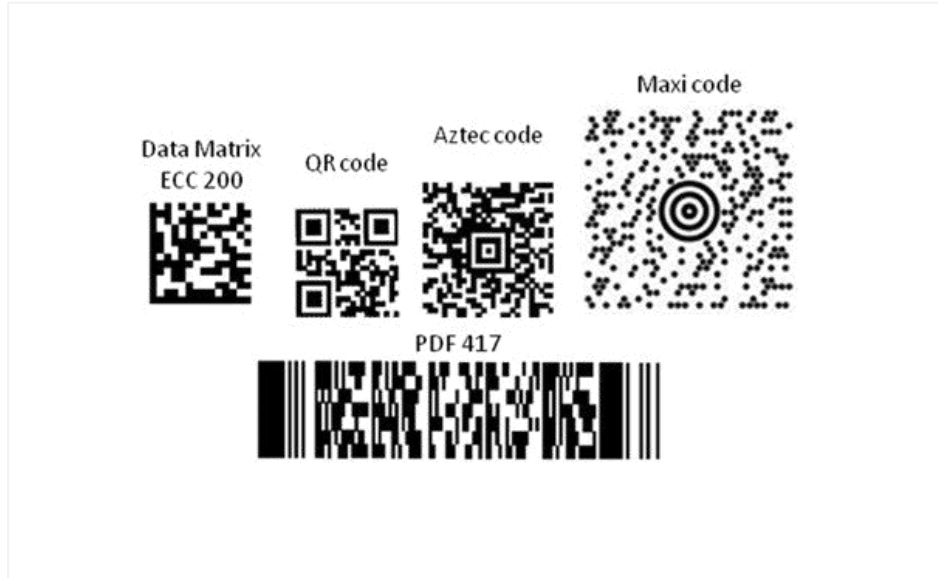
Optical chip technology

EPIC Online Technology Meeting
27 January 2021



SURYS

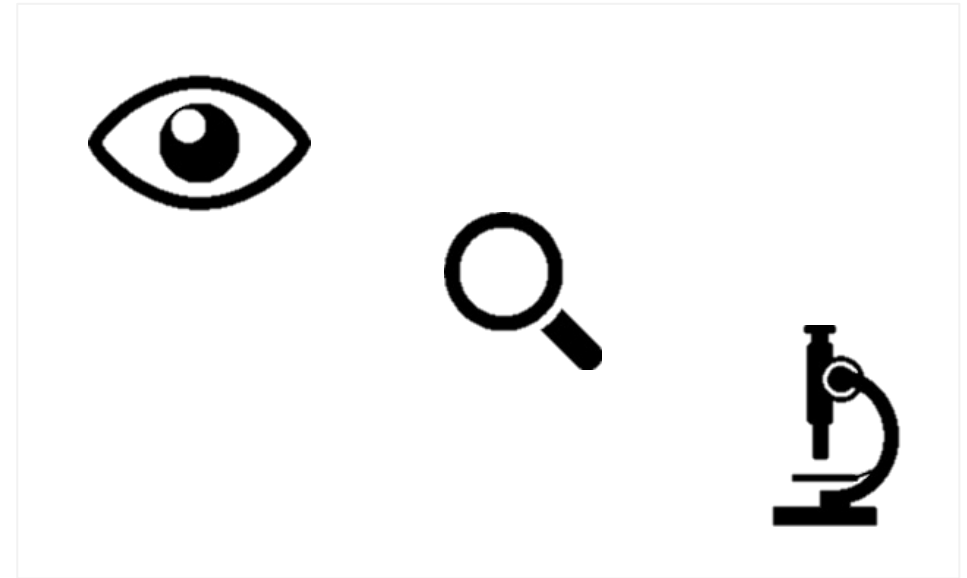
Market paradigm



Identification

Limits:

- Replication
- Yes-page
- Traceability risks
- Destruction



Authentication

Limits:

- Difficulties to train a large public
- Access to originals for comparison

In both cases, limits for large scale controls

A disruptive Optical Chip

Secure substrate



☐ Tamper-evident

☐ Precuts



A disruptive Optical Chip

Secure substrate



Tamper-evident

Precuts

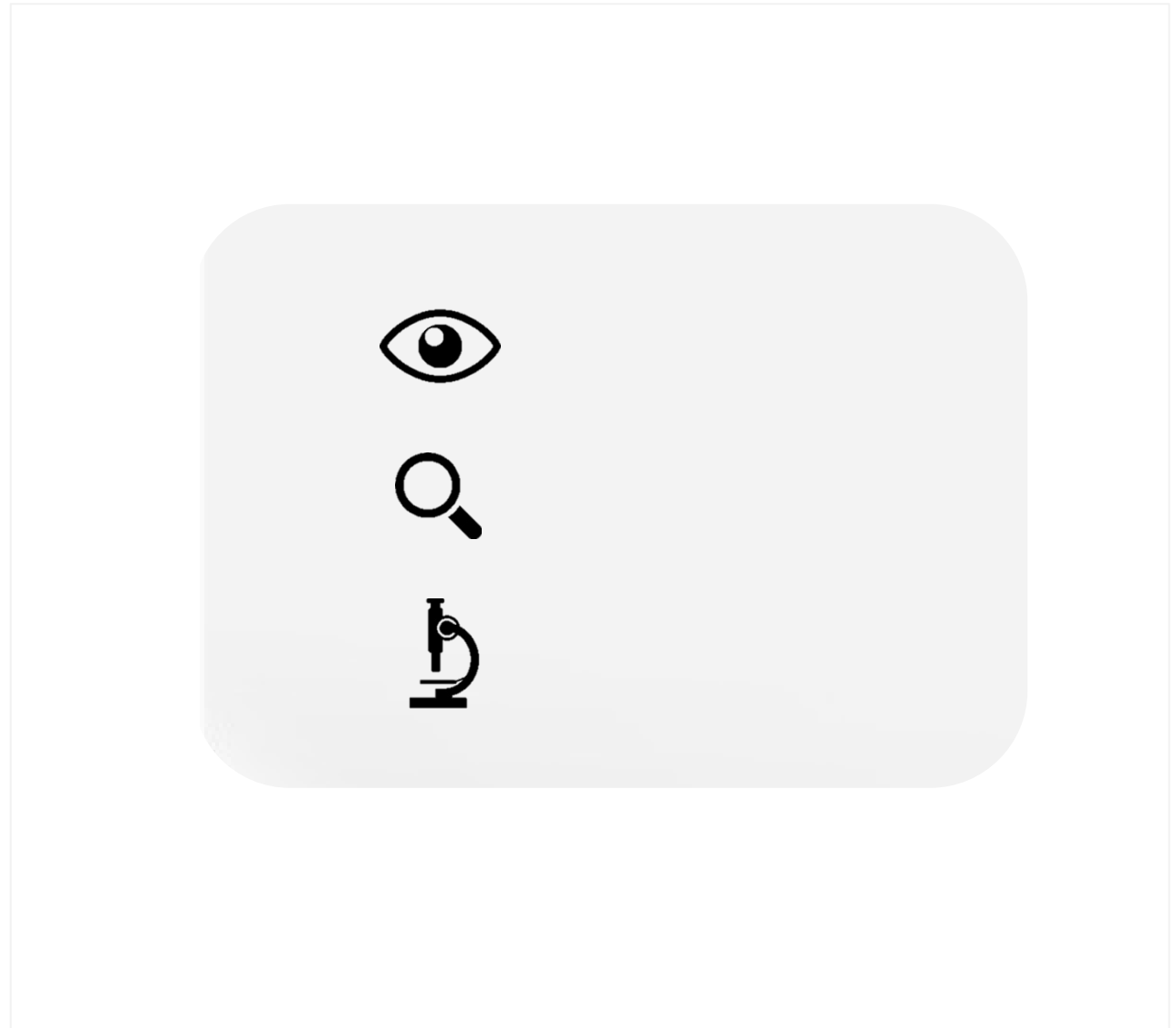
• Authentication



All target groups

Control tools

Visual communication



A disruptive Optical Chip

Secure substrate



☐ Tamper-evident

☐ Precuts



• Authentication

☐ All target groups

☐ Control tools

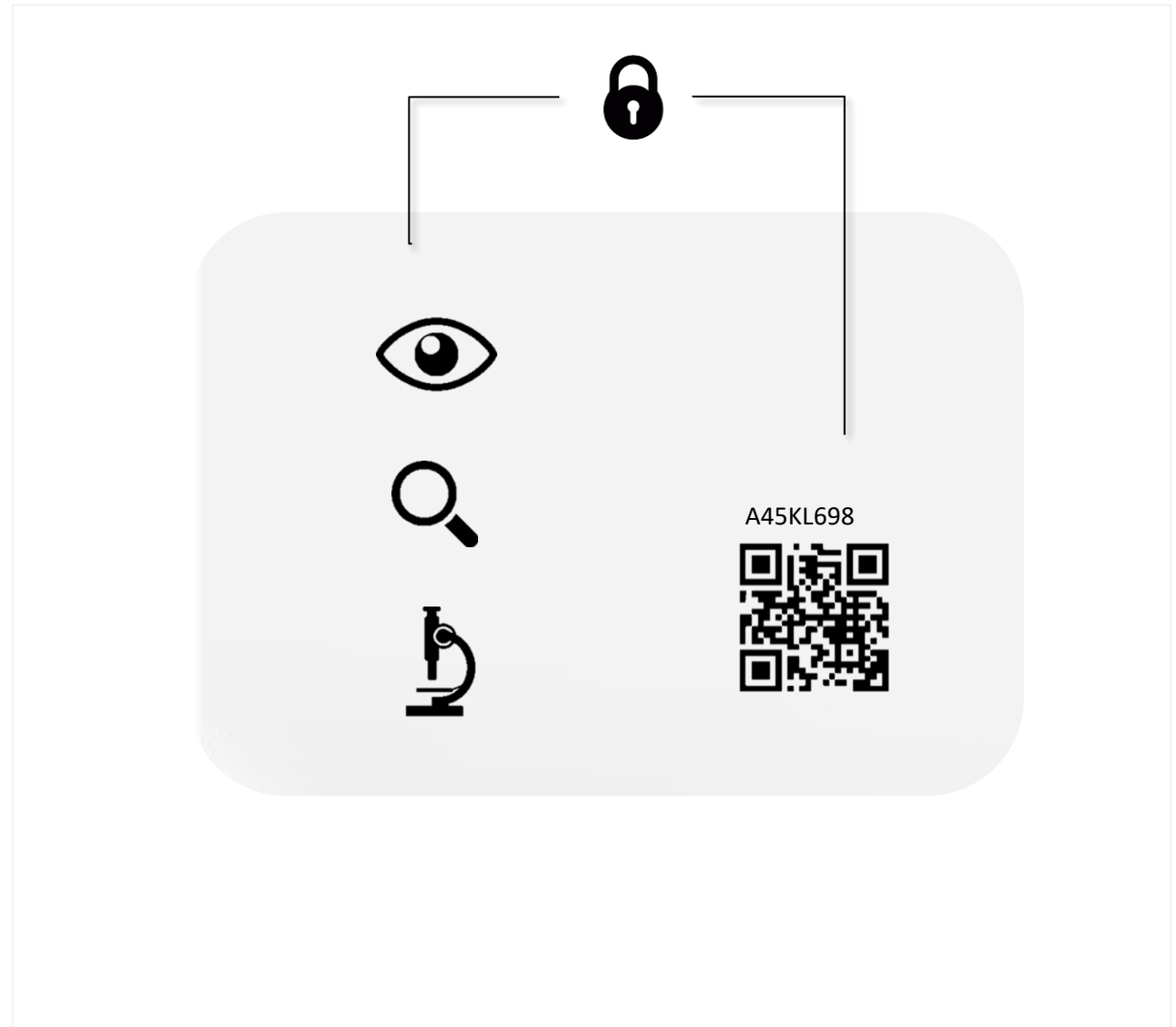
☐ Visual communication



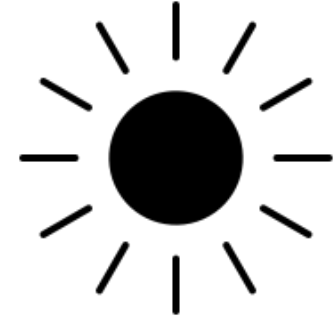
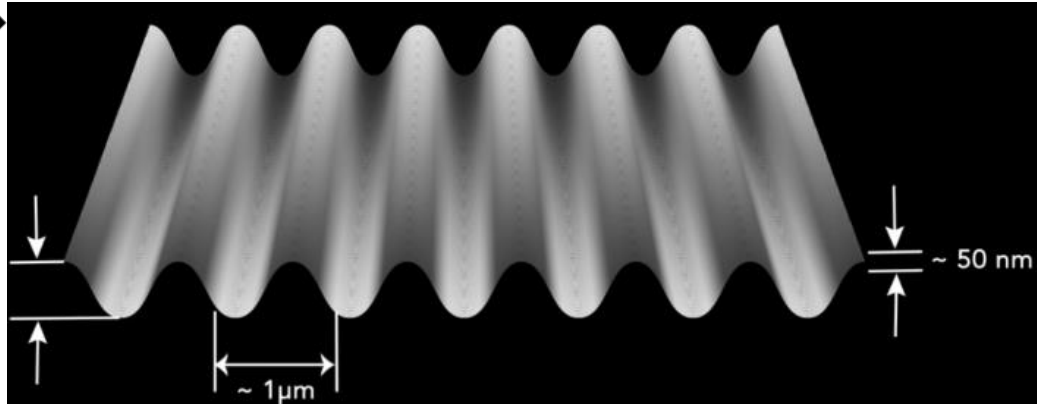
• Identification

☐ Stored in a database

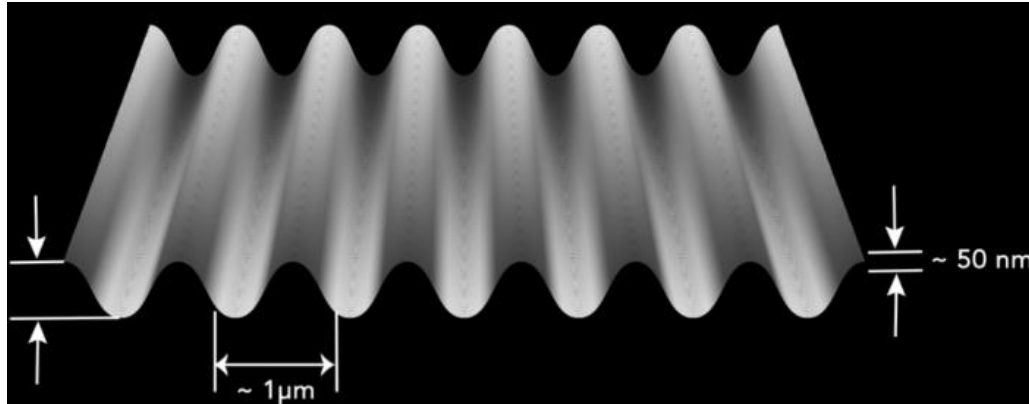
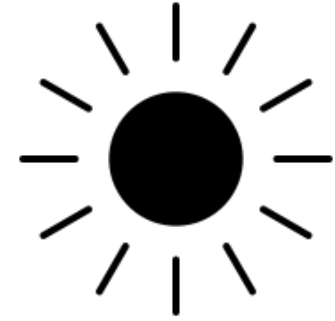
☐ Item-level traceability



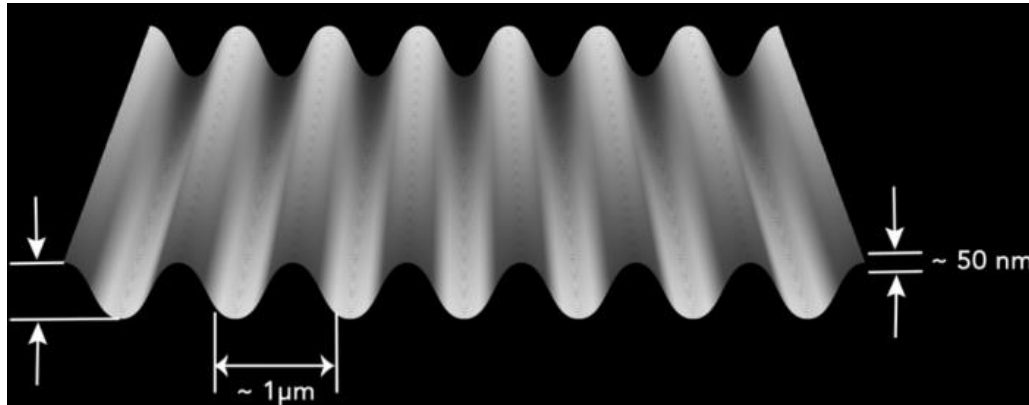
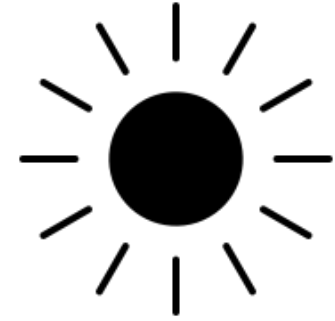
Smartphone automated authentication



Smartphone automated authentication



Smartphone automated authentication



Collaboration prospective

- ✓ **System integrators:** Providing global BP solution including traceability, application, consumer engagement solution...
- ✓ **Component providers:** In order to fulfill some client requirement not addressed by our solution

Conclusion

Thanks for your attention



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