

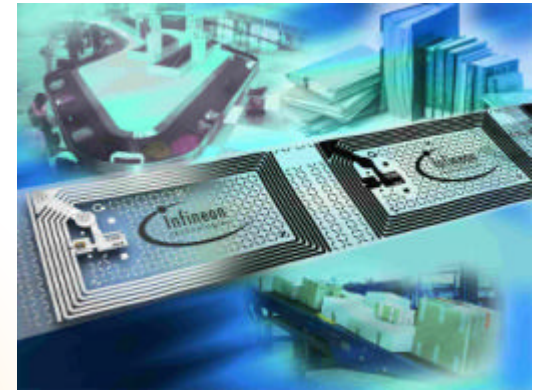
my-d product family overview



**silicon platform
connecting**

my-d

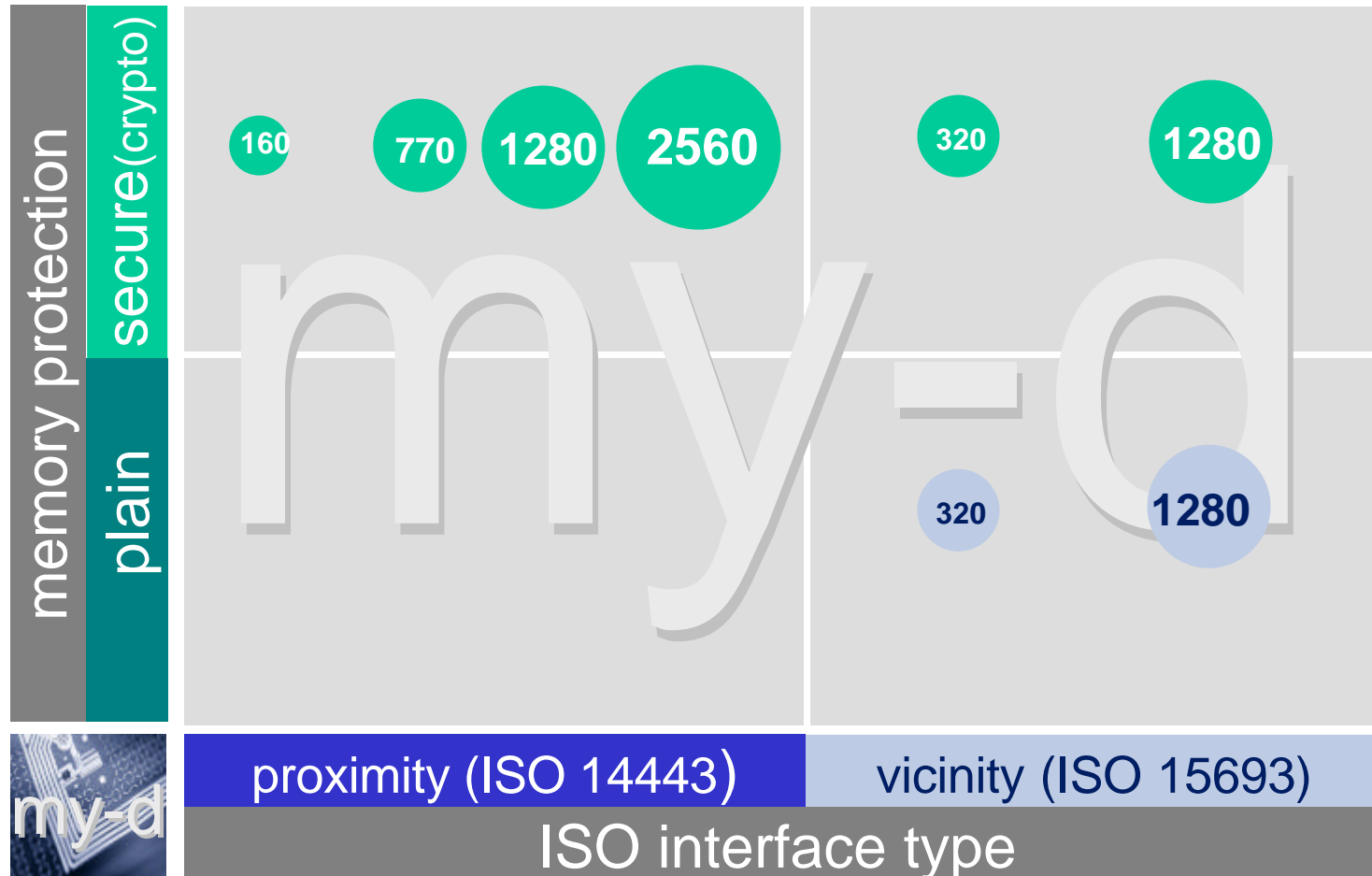
**virtual
and
real world**



my-d products for contactless systems

featuring a wide range - from basic ID to high security chips

EEPROM memory size (in byte) is visualized by circle size



my-d product family

Unique features of the my-d product family

■ my-d system architecture - product family concept

- my-d memory and security architecture is common to all my-d products
- same my-d memory and security architecture for vicinity and proximity
- crypto and non crypto ICs / different memory sizes for the best fit between chip and application

■ High security

- Strong 64 bit crypto algorithm for copy protection, secured data access and e-purse applications

■ Value Counter with anti tearing

- Support of secure e-purse concepts

■ Flexible memory architecture supporting the Chip Sharing Approach

- Support of up to 14 securely separated data segment
- Segment size can be defined by application designer



■ ISO compliant contactless interfaces (proximity, vicinity)

- Products support high distance (ISO15693) and high speed products (ISO 14443)
- my-d proximity works with existing mifare readers