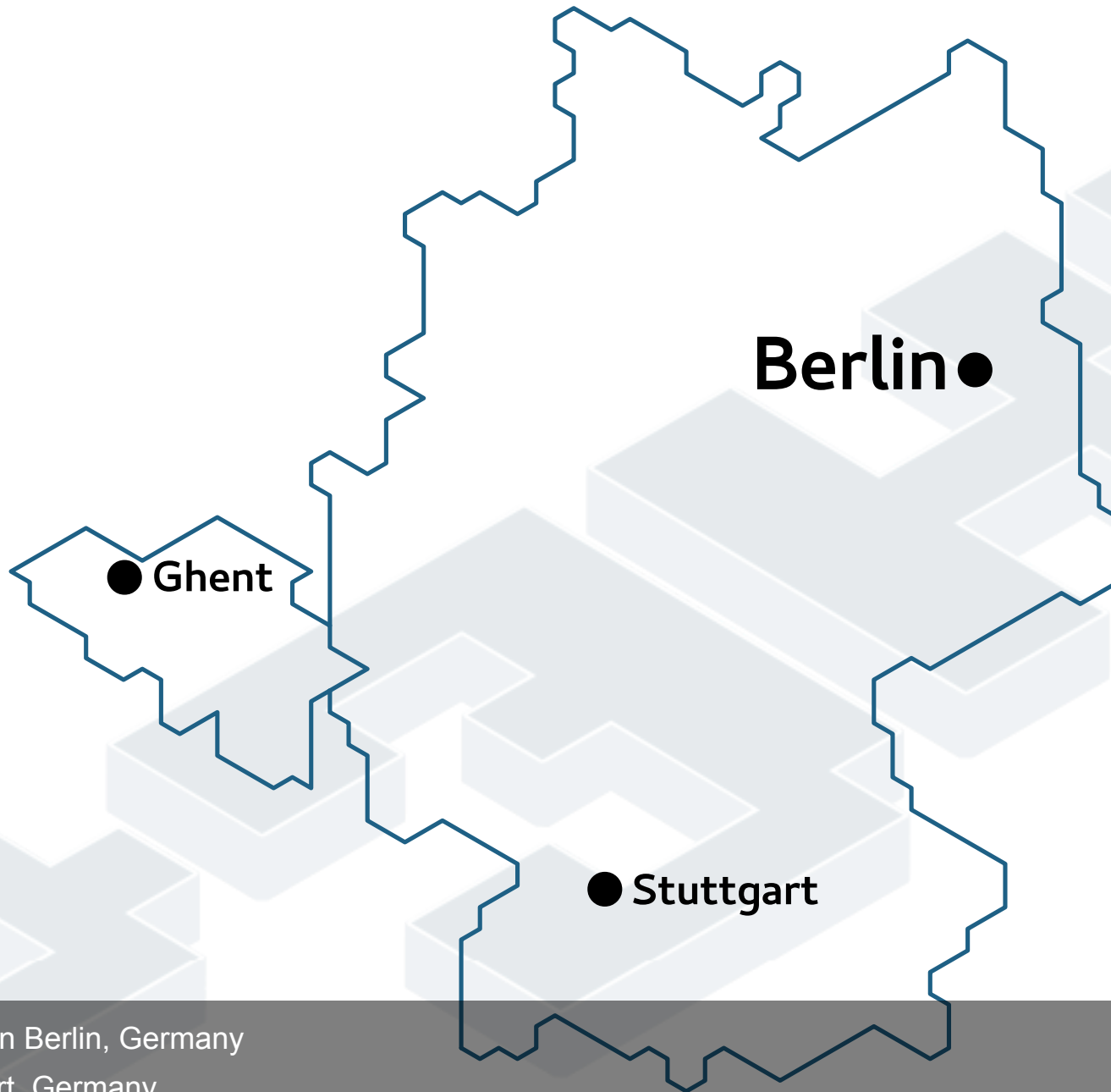


**PSKI**  
trust yourself.

- 'SPACE' to advance to next slide
- '?' for help

# P3KI GmbH

- Founded in 2014
- Subsidiary of Reurity Labs GmbH
- Privately owned and operated



- Headquartered in Berlin, Germany
- Office in Stuttgart, Germany
- Development Outpost in Ghent, Belgium

# History

2006 Automotive industry releases ISO 20828 standard,  
a wishlist calling for a distributed PKI solution

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2012 Diploma Thesis by Gregor Kopf:  
*"Sicherheit einer verteilten Public-Key-Infrastruktur"*

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2014 P3KI GmbH founded

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2015 v1: Demo showing distributed PGP-Key Discovery

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2016 v2: Modular implementation in Java

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2017 v3: Embedded & cross-platform implementation in Rust

# P3KI Services

- Trust Consulting & System Analysis
- Cross-Domain Trust Architecture Design
- P3KI Core Trust Architecture
  - Implementation Support
  - Customization

# FSKI Core

## Trust Architecture

Authorization & identification layer with focus on delegation, simple setup, easy administration and graceful degradation.

# PSKI Core

## Features

- Next-generation distributed PKI
- Resilient Web-of-Trust Architecture
- Graceful degradation in adversarial scenarios
- Authentication and authorization by delegation
- Flexible and to-the-point expression of trust
- Fully offline-verifiable trust

# PSKI Core

## Benefits

- Minimal cost trust data updates
- No invalidation of leaf certificates updating intermediates
- No central infrastructure required
- Future compatible



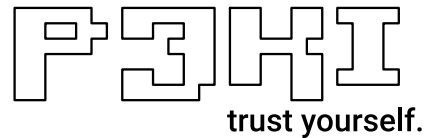
# Team

Felix 'FX' Lindner	Founder and CSO
Gregor Jehle	CEO
TQ Hirsch	Lead Developer
Bruno Kirscher	Core Developer

A wide-ranging and unique combination of knowledge in applied cryptography, software & systems design, embedded engineering, IT security, distributed systems, and operations

Friends don't let friends use X.509.

**Thank you!**



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🐦 @P3KI