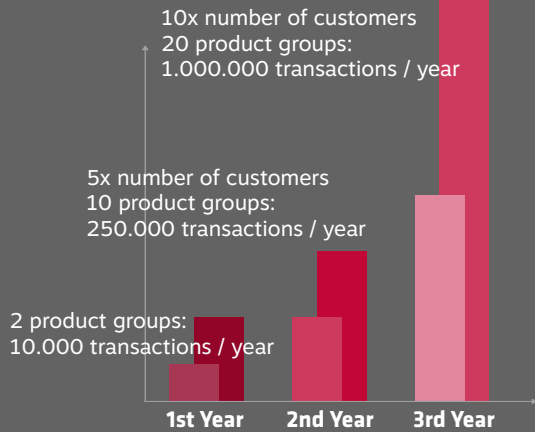


SMART-MAINTENANCE FOR SMART-CITIES

City administrations and utilities (including partners) have objects/assets that need to be regularly maintained to ensure their correct operation and to comply with existing standards and regulations to guarantee safety.

OUTLOOK



POTENTIAL MARKET:
Cities in EU >50.000: 1.000 potential Smart Cities
 → >330 Mio. people with transactions
Further step: USA

PROBLEM

Different stakeholders (administration, contractor, inhabitants) with diverse interests lead to:

- No transparency of data, activities and cost structure
- No unique platform to address all stakeholders
- Not manipulation proof
- Legal uncertainty about proof of work activity and documentation
- Higher efforts and costs due to inefficiencies (e.g. individual process/negotiation with each party)

THE SOLUTION

LOWER COSTS - SECURITY - TRANSPARENCY

NFC technology enables the complete and tamper-proof detection of every activity on a uniquely identified object through signing on a crypto-chip and storage the information in the blockchain.

This ensures that every interaction with the object in question is recorded in an unchangeable and secure manner and can be queried from the blockchain.

Thanks to clear object identification, the information is tamper-proof and provides proof and documentation of any service or inspection.

CITY ADMINISTRATION

MAINTENANCE

INHABITANTS

CITY ADMINISTRATION

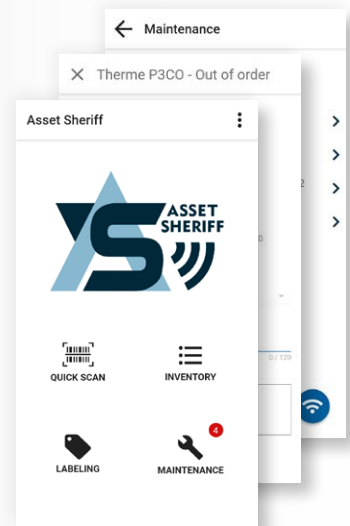
- Organize/Install System
- Observation
 - » Correct Billing
 - » Full Information
 - » Rising Quality Standard
 - » Saving Labor Costs

INHABITANT

- Security & Safety
 - » Wide Range of Services
 - » Transparency
 - » Efficient Use of Public Money

UTILITIES/PARTNER/COMPANY

- Scan to identify Object
- Perform Action
- Confirm Blockchain Transaction
 - » Legal Certainty
 - » Better and easier Communication



ONE MOBILE APP FOR ALL STAKEHOLDERS

WASTE DISPOSAL
 SMART LIGHT POLE
 ELECTRICITY
 HEATING SYSTEM
 WATER SYSTEM...



Lukas Götz
CEO BLOCK42

BLOCK42
BLOCKCHAIN COMPANY

Innovative Blockchain consulting and implementations of Smart-Contract applications.



Volker Knapp
CEO primtec GmbH

primtec

Experts in automatic identification and IT solutions (track&trace, automation, logistics, inventory) with many years of experience.

