



3D Scanning for Smart cities Design & Construction

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Account Manager

Agenda

- About FARO
- Why Laser Scanning ?
- What does FARO Provide?
- Applications Overview

FARO® at a Glance

The world's most trusted source for
3D measurement and imaging solutions

FARO
Accelerate Design
PRODUCT DESIGN



FARO
Empowering Quality
FACTORY METROLOGY



FARO
Proven Facts
PUBLIC SAFETY FORENSICS



FARO

FARO
Made to Order
3D SOLUTIONS



FARO
Informed Lifecycle
CONSTRUCTION BIM-CIM

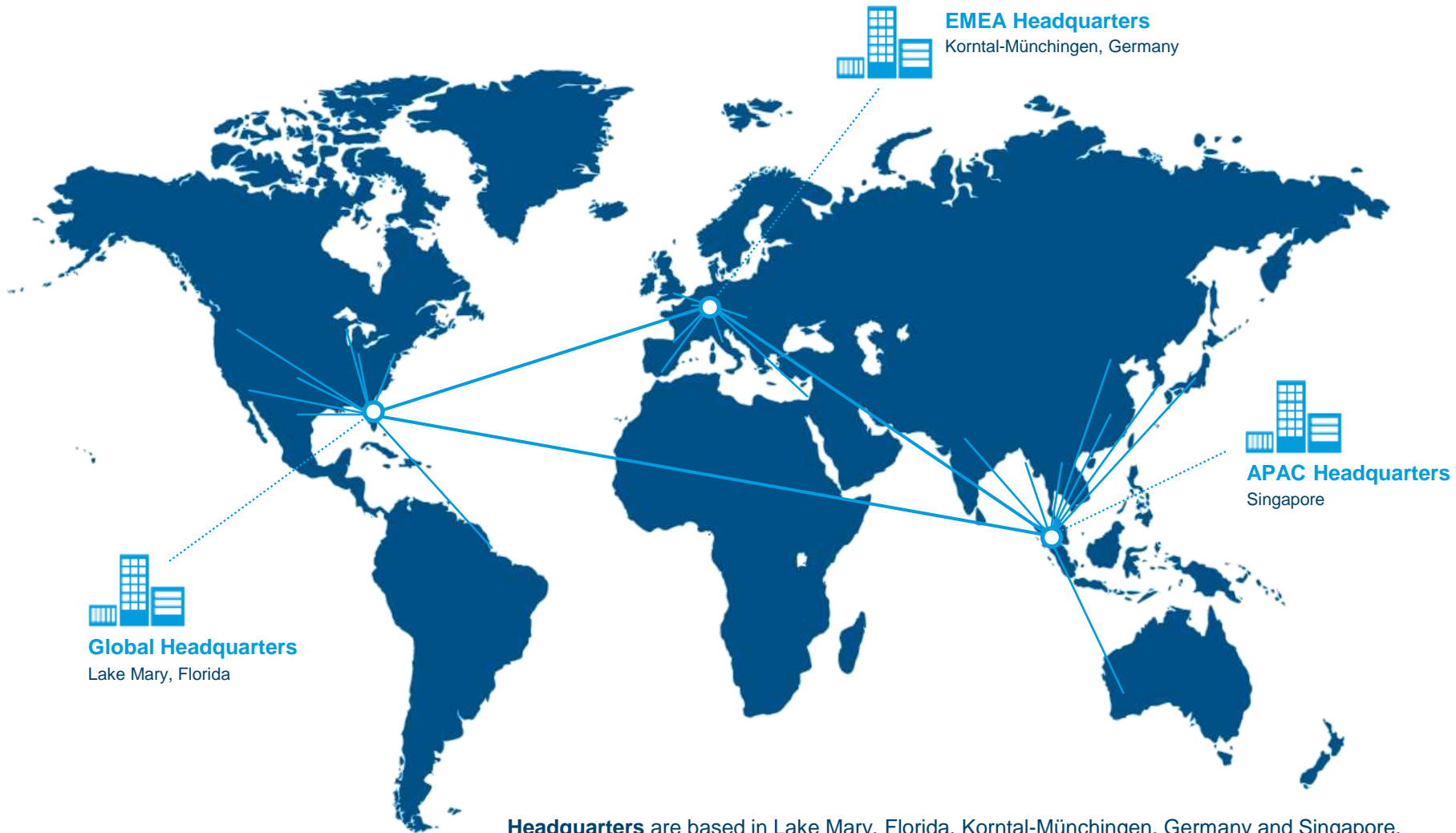


3D Services

 **CONSTRUCTION BIM**
Informed Lifecycle

FARO

Global Footprint with Local Sensibility



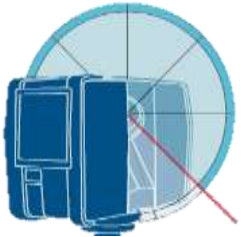
Headquarters are based in Lake Mary, Florida, Korntal-Münchingen, Germany and Singapore. **Subsidiaries** are located in Australia, Brazil, China, France, Germany, India, Italy, Japan, Korea, Malaysia, Mexico, Netherlands, Philippines, Poland, Portugal, Singapore, Spain, Switzerland, Thailand, Turkey, United Kingdom, USA, Vietnam.

Why Laser Scanning

- Significant Population Shift Towards Cities
- 90% of Information that comes into Brain is visual
- Accurate and complete data are very crucial for designing, modeling and planning

How do Scanner Work

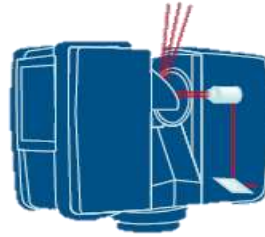
- Captures millions of 3D points in minutes
- Produces a "copy" of high-density reality



vertical angle



horizontal angle

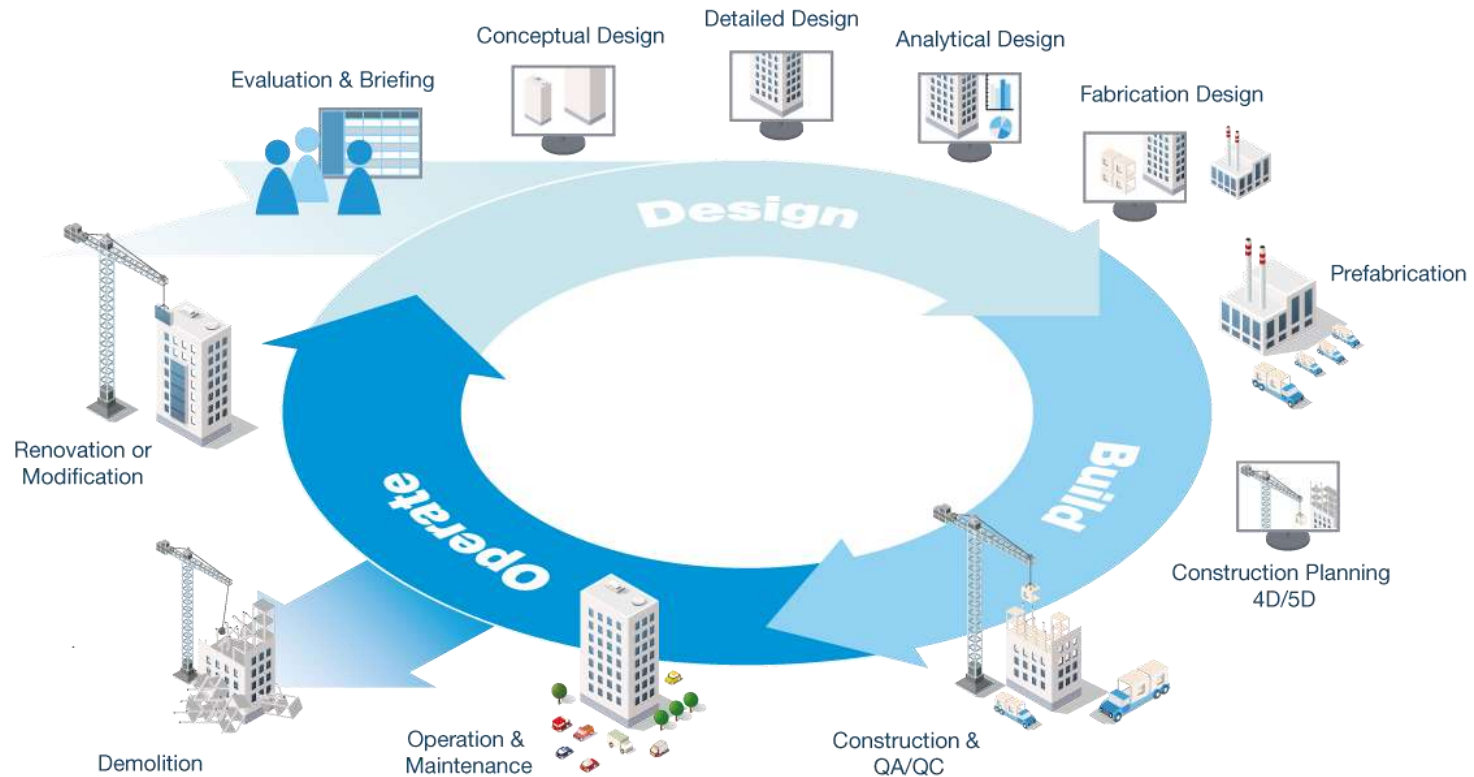


distance measurement

FARO 3D TLS – how it works



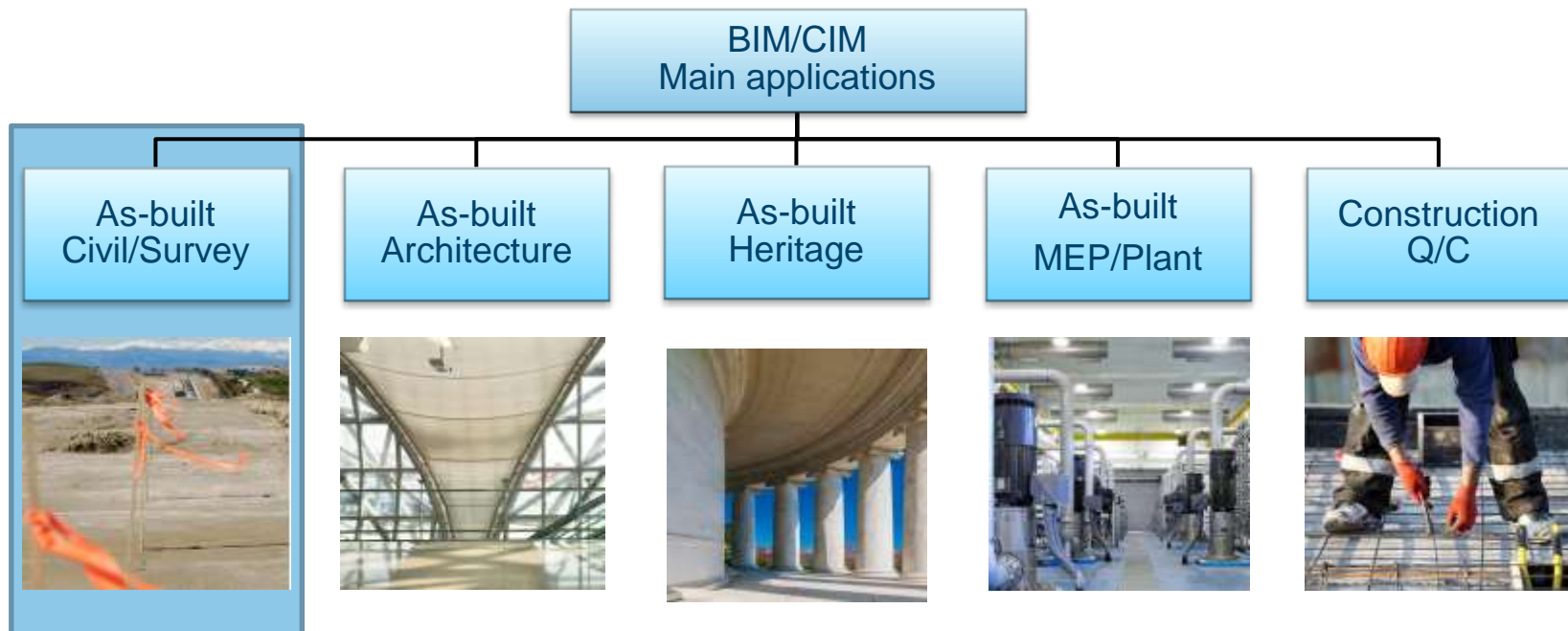
Where Does Scanning Play a Role



Where Does Scanning Play a Role

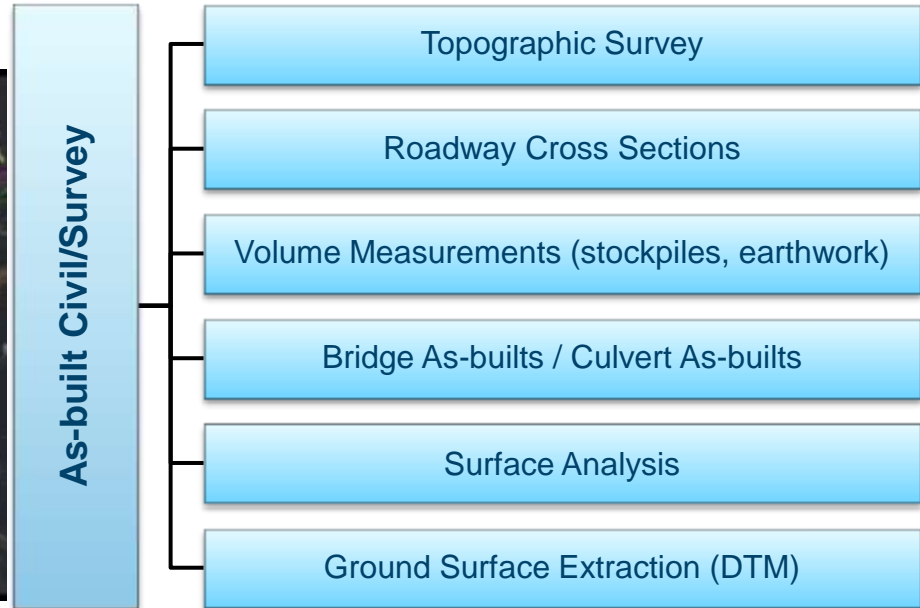


Main Applications Overview

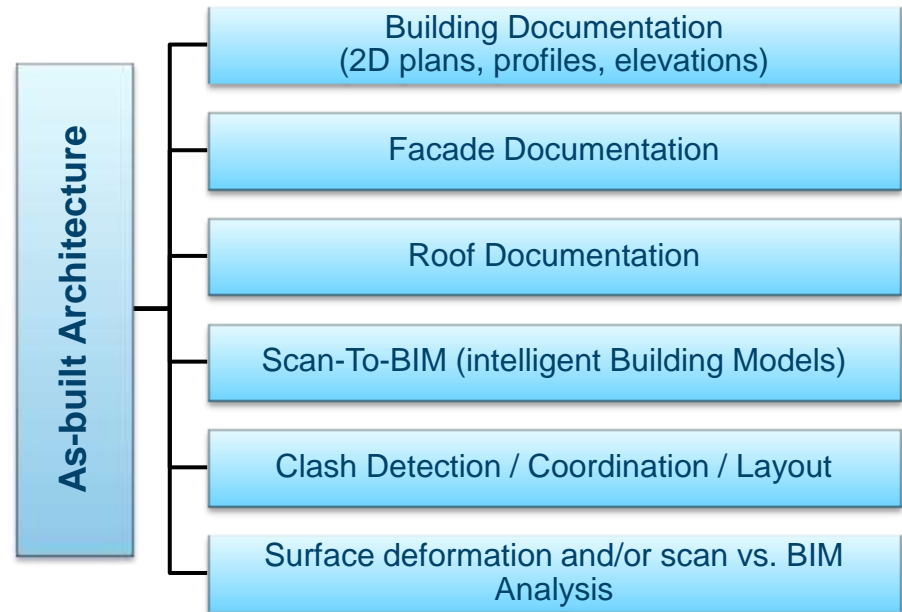


Applications – Civil/Survey

Creating your As-built Civil / Survey Deliverables



Applications - Architecture



Applications



FARO®

Benefits



- Quick & Easy Detailed Documentation
- Faster Data Capture
- No Frequent Site Visits

Laser scanning is highly versatile and can be used in many applications including Measured Building Surveys, Topographic Surveys, mapping of utilities, accurate modelling of plant and machinery and even recording data of archaeological significance.

FARO

THANK YOU

3-DEFINE YOUR WORLD™