who is FARO?
the world’s most trusted source for 3D measurement, imaging and realization technology
founded in 1981
NASDAQ since 1997
global footprint
financial strength
FORTUNE

AMERICA'S
BIGGEST
REAL ESTATE
PROJECT ...EVER

BY SHAWN TULLY
major player in the 3D ecosystem
global support
global support

sales presence in more than 25 countries
a world-class customer base
disruptive innovator
the world’s most trusted source for 3D measurement, imaging and realization technology
metrology

micron-level 3D measurement, imaging and analysis

predominantly industrial
metrology
metrology
metrology
metrology
metrology
metrology
that’s very interesting, but ...
documentation

millimeter-level 3D measurement, imaging and analysis

markets almost limitless
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up to 330 metre range
1 million pts/second
2mm of accuracy
embedded GPS
scan in color
no laptop needed
completely sun proof
lowest price in industry
“visualisation to industrialisation”
“democratizing the ability to capture and document in 3D”
everything in the world has three dimensions
documentation
the need for even more detailed and accurate information keeps growing
why do we still work in two dimensions?
or with single point-to-point measurements?
FARO has democratized 3D laser scanning
documentation

and we’re just getting started
documentation

Delivering customer ROI

- Process efficiency
- One trip to the field
- Full 3D data, not just single points
- Easy modeling and visualization
documentation
documentation

tower bridge, london

- as-built documentation
- 244 metres long; 65 metres tall
- 3 scans; 1 hour
documentation
documentation

eglise de saint phal, france

• building renovation
• identify cracks from storm and build a 3D model
• 2 people; 19 scans; ½ day
shukhov tower, moscow

- historical preservation
- 160 metres tall; 90 years old
- 100 million 3D data points; 3 days
• offshore platform
• new pumps and replaced high-pressure drill piping
• 107 scans; 2.5 days
• customer saved $1,000 per weld
documentation
documentation

gothenburg bridge

• as-built documentation
• 900 m span; 50 m above sea level; 100 m height
• 15 scans; 4 hours
• full color
the FARO laser scanner empowers users
3-Define your World™