GPR Inspection Objectives

As-built verification
Inspectors and supervisors

Integrity assessment
Engineering studios and investigation companies

Hit prevention
Contractors
Ground Penetrating Radar Technology

Time of flight method
Technology and Applications

Eddy Current
- rebars
  - cover
  - diameter

GPR
- rebars
- object
- back wall

Ultrasonic
- rebars (limited)
- objects
- back wall
- defects
Industry Pain Points

- Limited detection
- Difficult to use
- Time consuming
Introducing Proceq GPR Live
Proceq GPR Solution

Collaboration

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Spotlight: Increased Productivity
Multifrequency area scan (60x60cm)

Proceq GPR

Other

Preparation  Testing  Reporting

10 min

0  10’  20’  30’  40’  50’

Minutes

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Innovative Device

- 4-wheel drive
- 8 mm ground clearance
- 3 patents pending

Flight safe (AA Batteries)
Versatile and Powerful

7.9 to 12.9” screen size
up to 512 GB storage space
304 to 692 g iPad weight
Spotlight: Current Handling Issues
Spotlight: Superior Proceq Handling
Spotlight: Current GPR frequencies

Frequency

2.6 GHz  2.0 GHz  1.6 GHz  1.0 GHz

Penetration depth

Detectable objects

small  large
Spotlight: Superior Proceq multi frequency

Ultra wideband technology

Penetration depth

4.0 GHz

0.2 GHz
Spotlight: Competitors’ Detection

- First layer rebar
- Duct
- Defect
- Back wall
- Second layer rebar

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**Spotlight: Competitors’ Detection**

- First layer rebar
- Duct
- Defect
- Back wall
- Second layer rebar

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**Spotlight: Superior Proceq GPR Detection**

Proceq Live GPR

- First layer rebar
- Duct
- Defect
- Back wall
- Second layer rebar
As Intuitive as a Camera ...
Standard Non-Migrated Scan
Intuitive Migrated “Heatmap”
Depthslice / Timeslice
Intuitive Depthslice / Timeslice View
On-site 3D View
Logbook

Probe S/N: PM08-000-0009
Hardware Ver: A0
Contract Validity: update later
App Ver: 1.0 (23)

25 Aug 2017

08:41
Created "Building A, Parking001" in folder "_Default"
Mode: Line Scan
Resolution: Max Speed
Repetition Rate (scans/cm): 1
Dielectric Constant: 6.3

08:42
Photo added

Comment

 Probe and user identification

Geolocation

Add comments, audio notes and pictures

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Global Standards Conformity
Global Proceq Service Network

Fast

Local

Efficient
Proceq GPR Live

Superior detection

Intuitive

Fast
Price Comparison

Current solutions

- CHF 2,000/month
  - Single frequency
  - Rental

- CHF 20,000
  - Single frequency
  - Purchase

- CHF 50,000+
  - Multiple antennas
  - Purchase

Proceq GPR Live

- From CHF 200/month
  - ALL frequencies
  - Rental

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## Proceq GPR Live Offers

<table>
<thead>
<tr>
<th></th>
<th>Basic</th>
<th>Pro</th>
<th>Unlimited</th>
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<tbody>
<tr>
<td>Ultra wideband GPR</td>
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<td>3D View + Reporting</td>
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<td>Lifetime warranty</td>
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Unit & Accessoires

393 10 x00
Proceq GPR Live
consisting of Proceq GPR probe with battery, power supply, Proceq Live Wi-Fi module, carrying strap, chalk, grid papers, documentation and carrying case

393 40 100
Device tablet holder
(iPad Air / Mini)

393 40 200
Telescopic rod with tablet holder
(iPad Air / Mini)

393 00 045
Battery complete

393 20 00x
Proceq grid papers

iPad Protection Cases

iPad Pro 12.9", CHF 50
urbanarmorgear.com

iPad Air 2, CHF 130
lifeproof.com

iPad Mini 4, CHF 45
spigen.com
The GPR for Everyone

For availability and regulatory approval of this product in your market, please check with your regional Proceq subsidiary or local dealer.