Discussion Topics

- Who is SMART Group
- AR Devices
- AR Use Cases

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Who is SMART Group

**THE TEAM**

- Custom software since 2010

- Global industry experience (Transocean, Shell, Diamond, Chiles, GSF, Songa, Chevron, BP)

- Diverse backgrounds
  - Physicist (Chris)
  - EE / Geo-Physicist (Stu)
  - CPA (Kevin)
  - Engineering Consultant (Stephen Allen - ACS)

**OUR WORK**

- Business critical mobile / cloud applications

- Integration with corporate systems

- Wearable computing

- Leverage new technologies

- We build... you own!

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## What We’ve Done

<table>
<thead>
<tr>
<th>Platform</th>
<th>Project</th>
</tr>
</thead>
<tbody>
<tr>
<td>iPad / iPhone / Browser</td>
<td>Field construction management app with facial recognition time clock.</td>
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<tr>
<td></td>
<td>Incorporated geo-boundaries for internal control.</td>
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<tr>
<td>iPhone / Browser</td>
<td>Augmented Reality (AR) heavy equipment catalog.</td>
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<tr>
<td>iPhone / Browser</td>
<td>Field Service Tech travel monitor. Used to determine if tax nexus</td>
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<tr>
<td></td>
<td>established in any jurisdiction.</td>
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<tr>
<td>Android (wearable) / Browser</td>
<td>Site inspection</td>
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<tr>
<td>HoloLens / Browser</td>
<td>AR valve maintenance guidance / training</td>
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<tr>
<td>HoloLens</td>
<td>Architectural plans (Revit) visualization</td>
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<td>Browser (SaaS)</td>
<td>Comensure.com. Risk and internal controls.</td>
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<tr>
<td>Browser (SaaS)</td>
<td>SmartCr2.com. Revenue recognition and lease acctg.</td>
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<tr>
<td>Desktop</td>
<td>Case Management for Harris County Attorney’s Office</td>
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<tr>
<td>Power BI</td>
<td>Custom Business Intelligence solutions for multiple companies</td>
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AR Devices

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AR Use Cases

- Maintenance
  - Guidance
  - Rich data collection
  - Disassembly / Assembly
  - Asset / part identification
  - Inspections

- Operations
  - Remote monitoring

- Remote Mentoring

- Training
  - Realistic environments
  - Remote training
  - Unlimited equipment

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Capabilities
Demo: HoloLens

• To launch the demo
  • On the bloom menu tap the Smart Group icon; or
  • Say "Smart Group Demo"

• Asset Manipulation - Adjust Button
  • Tap and hold anchors to resize and rotate object.
  • Tap and hold object to move it around in space.

• Asset Manipulation - Valve: Voice Commands
  • "Disassemble"
  • "Assemble"

• Image Targets
  • Hold card 1-2 ft away facing the Hololens to activate hologram.

Bloom
Tap

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