



Senior Channel Development Manager EMEA March 2014

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MONZA



xArray

2D steered-beam PoE RFID reader

150 m² floor coverage at 4.5m height

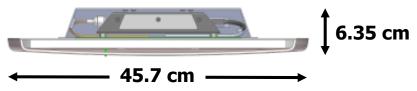
Better than 1.5m spatial resolution

Unaffected by 1000's of stray tags





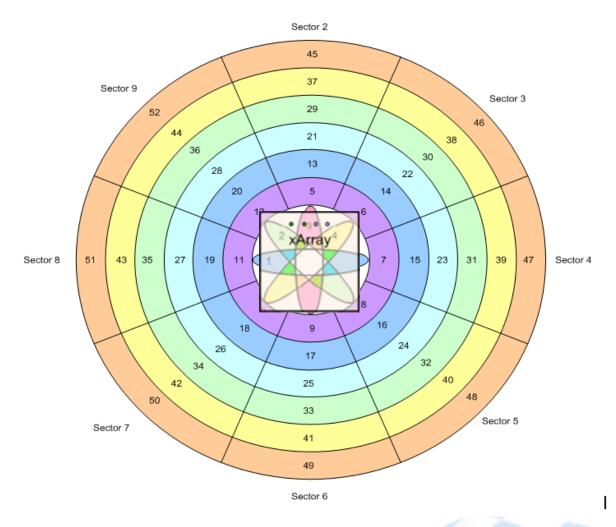




Beacon, tilt sensor VESA mount



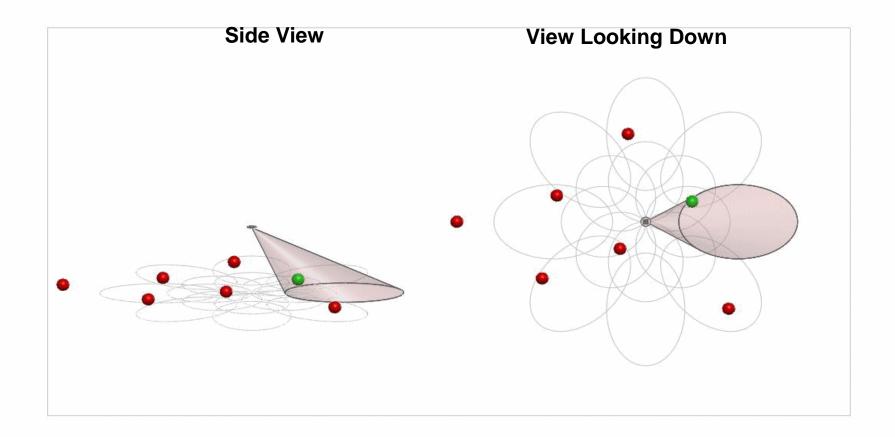
xArray Synthesizes 52 Dual-Linear Beams



Dual-linear, radiates in horizontal and vertical plane for each beam



xArray Generates a Unique Read Field

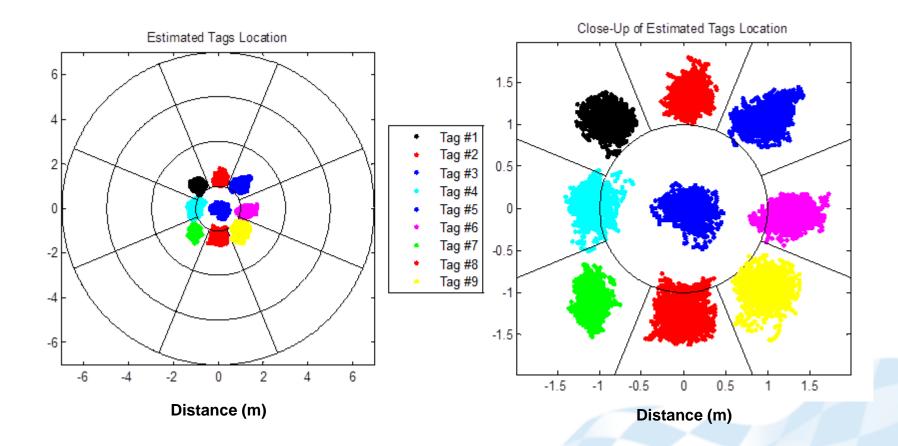


Colored circles represent tags/reads



Tag Locationing Using xArray

Longer integration time = better accuracy





XArray at National Retail Federation (NRF)

- 3 xArrays mounted overhead in Intel booth
- Intel guides & guests carried Monza 4 ID cards
- xArrays generated traffic heat map of the booth







xArray Performance Demonstration

 xArray mounted at 3.2m height



- Tags occupy 12.2 × 13.5 m floor space
- Each 30.5×30.5 cm square has 2 tags
- 3264 tags; square turns green when inventoried
- Video is real-time



