

3D Models

24 July 2019

Naval Surface Warfare Center, Port Hueneme Division



AERIALALCHEMY

Mission Based Remote Data Capture & Delivery





Begin with the end in mind.

- Stephen Covey

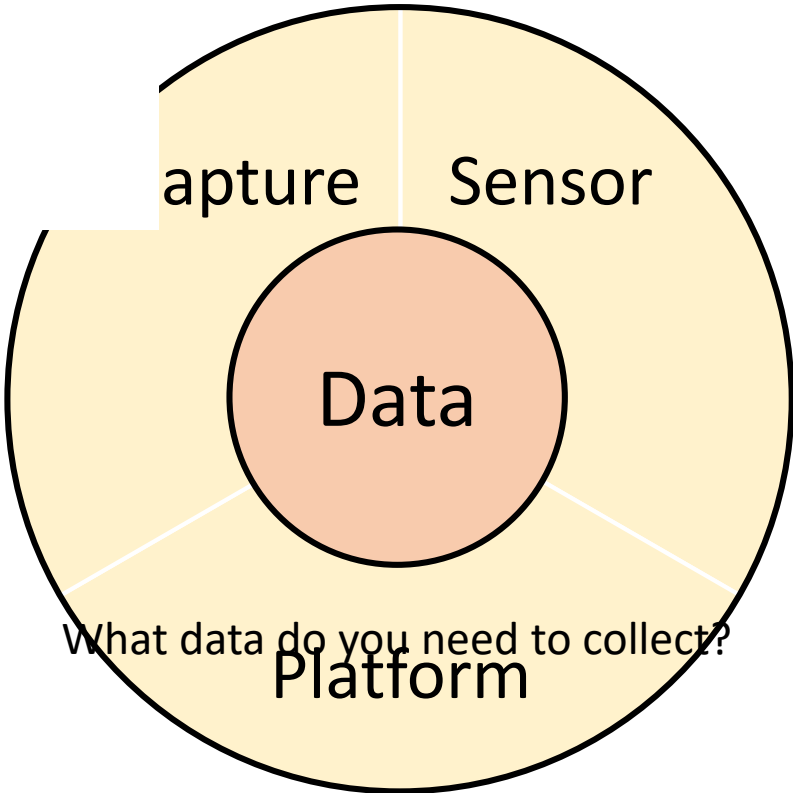
Author, The 7 Habits of Highly Effective People



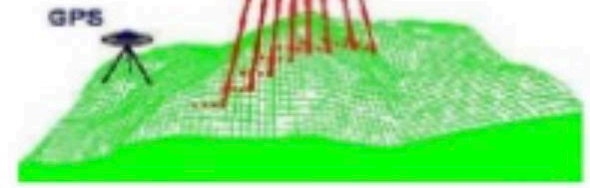


What are *you* going to do with the data?

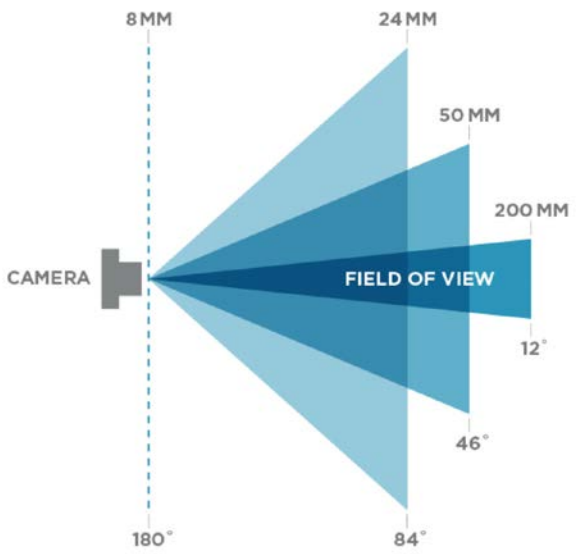




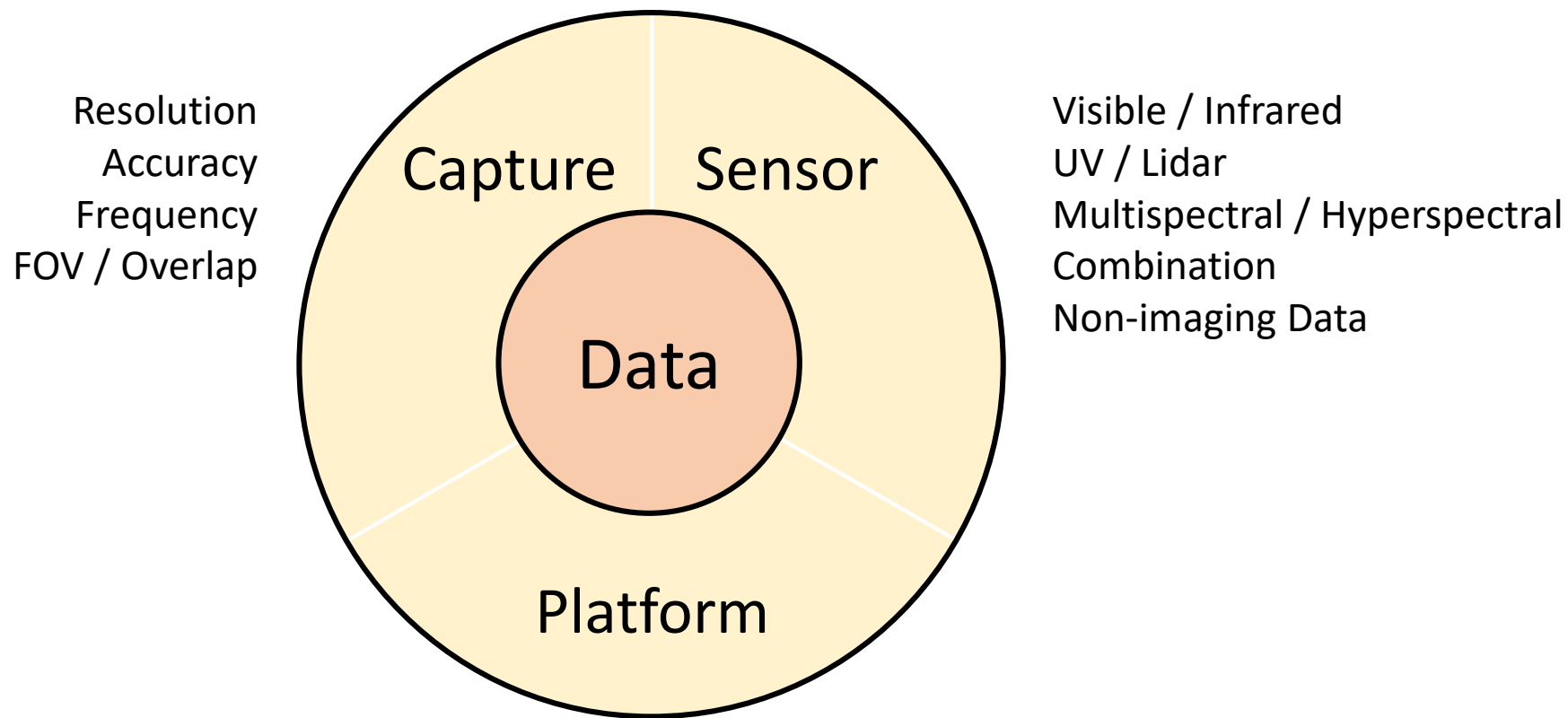
Vis
UV,
Multi
Comb
Non-in

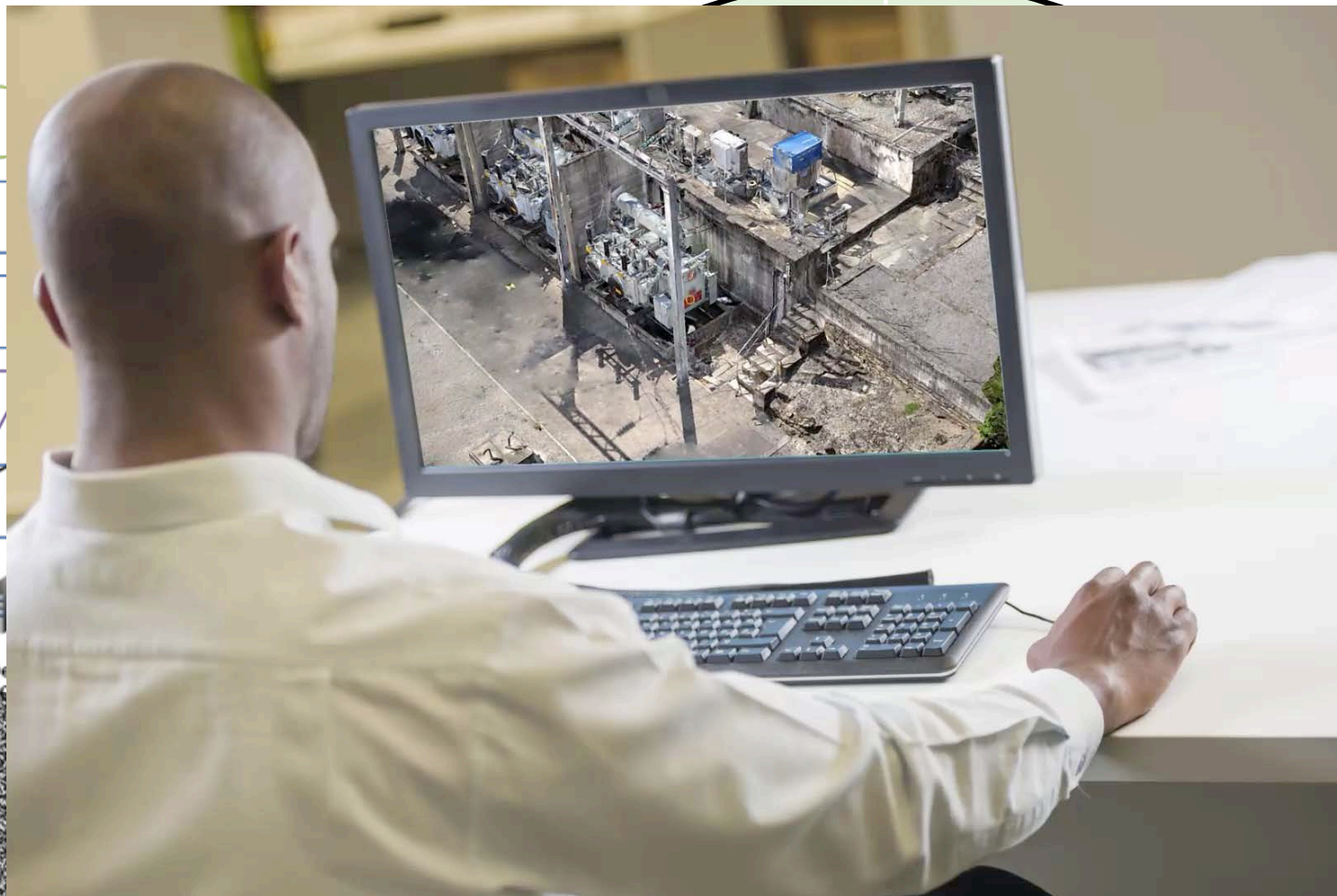
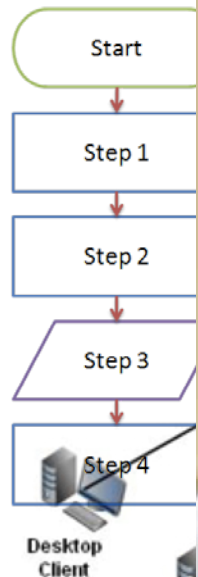


equency
/ Overlap

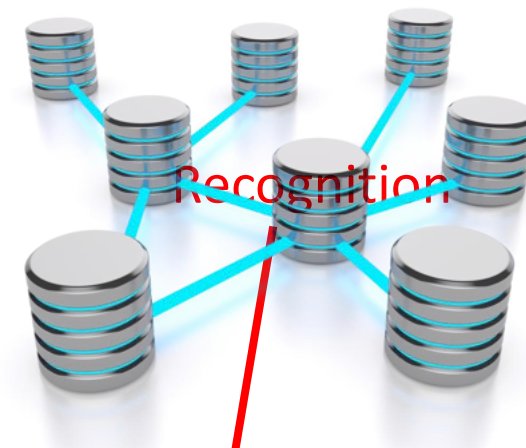


Air / Ground / Sea
Manned / Unmanned
Multirotor / Fixed Wing
Security





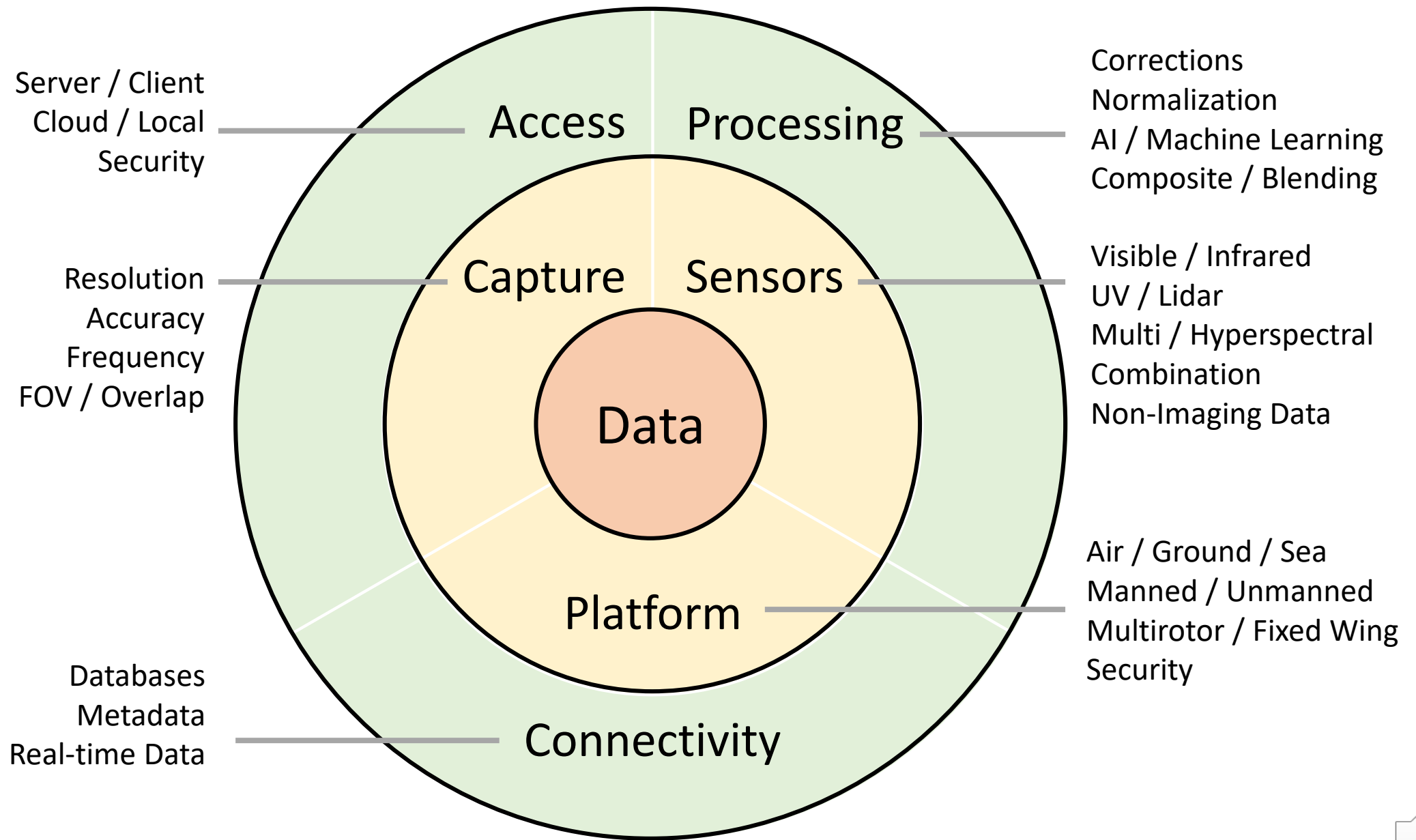
Corrections
 Normalization
 AI / Machine Learning
 Composite / Blending



connecti

atabases
 Metadata

Real-time Data



Will this provide the information that I need?





If you don't know where you're going,
you'll wind up someplace else.

- Yogi Berra





Alchemy Framework

- ☑ AWARENESS
- ☑ LOGISTICS
- ☑ CAPTURE
- ☑ HEURISTICS
- ☑ EXECUTION
- ☑ MANAGEMENT
- ☑ YIELD

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