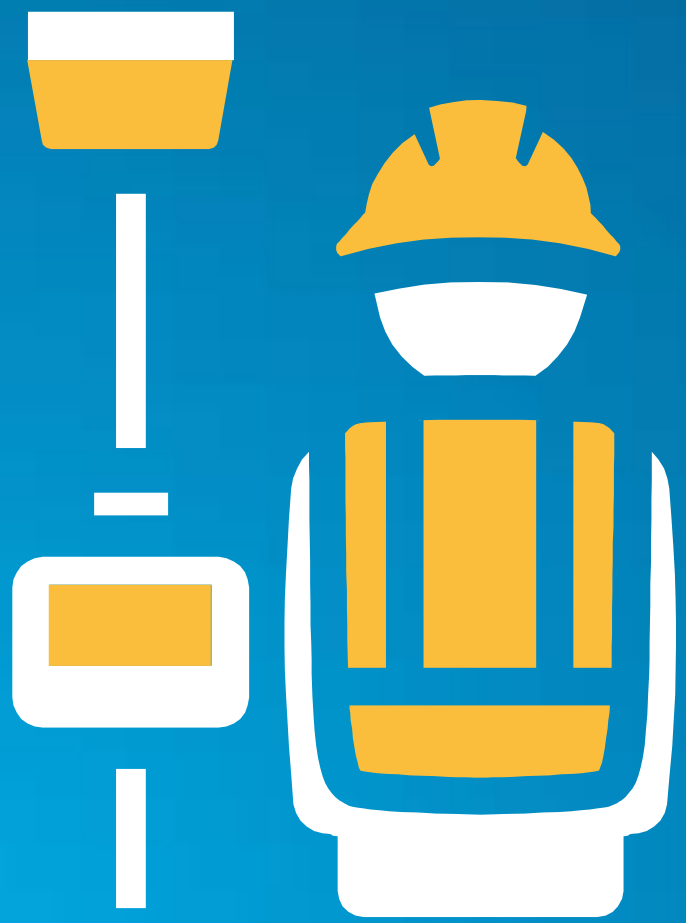
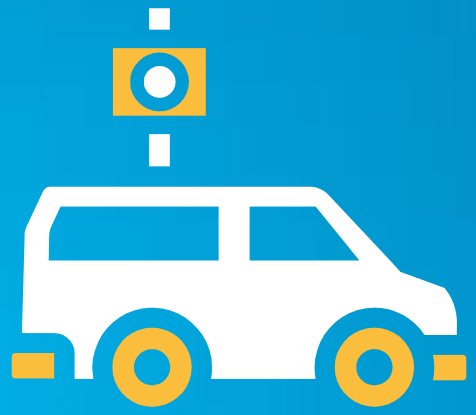
Connecting the Dots

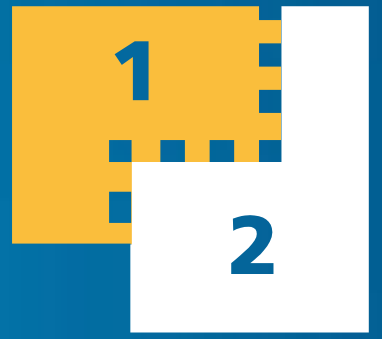
with GIS

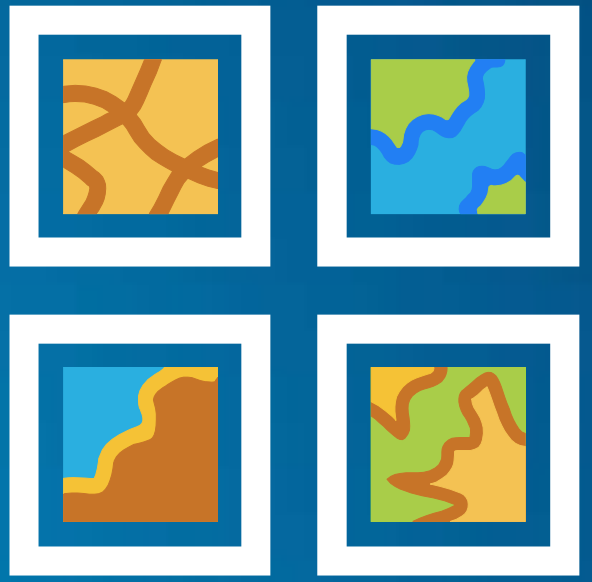
Brent A. Jones, PE, PLS

bjones@esri.com



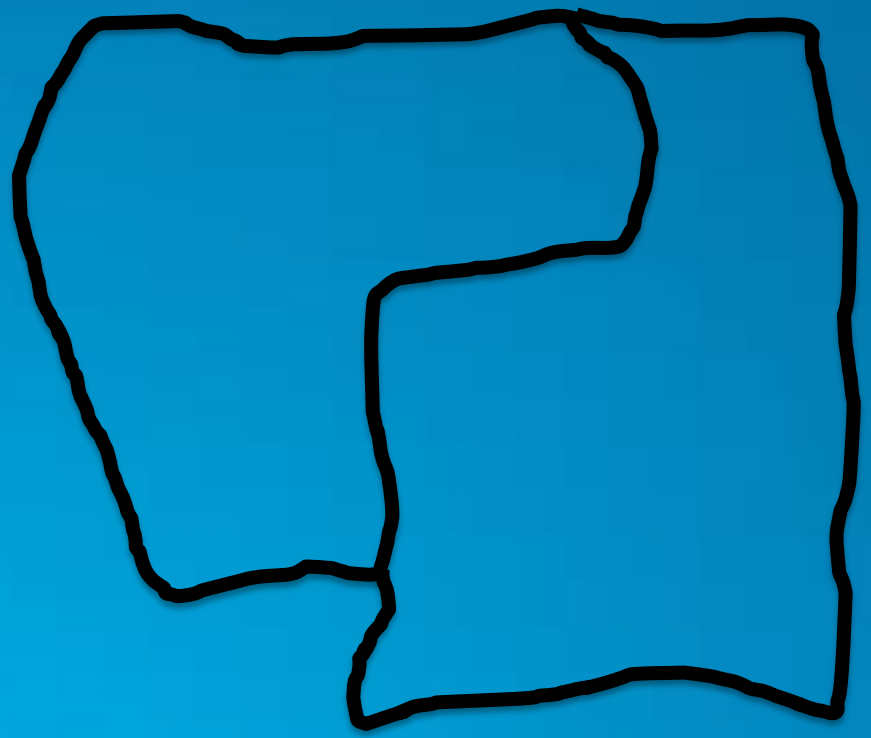


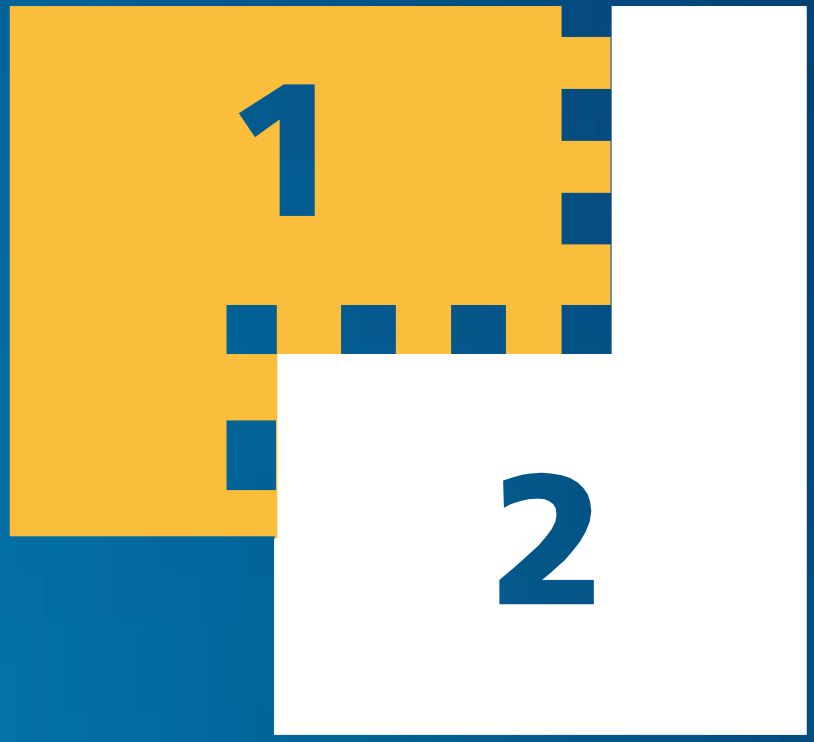

1
2



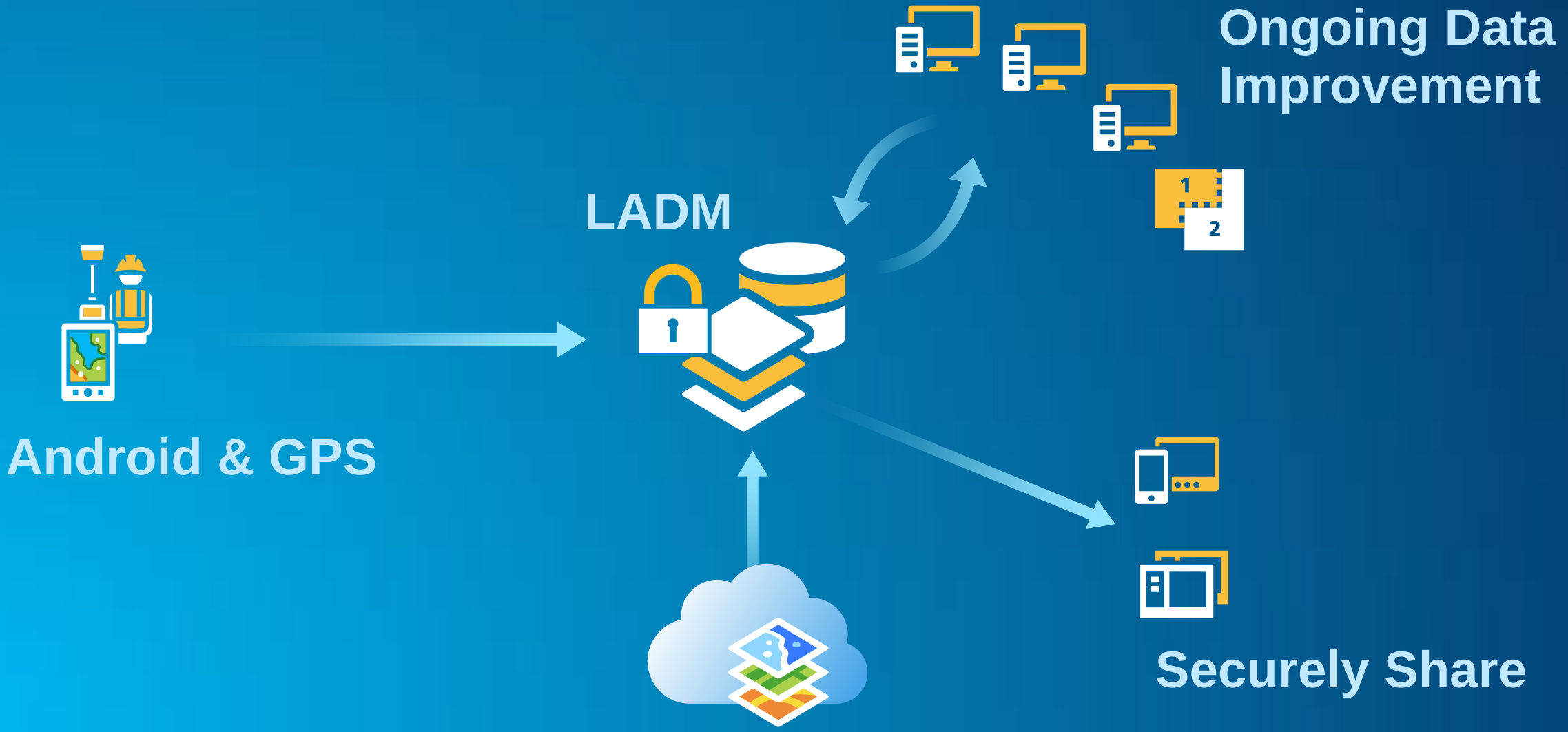
ISO

Code



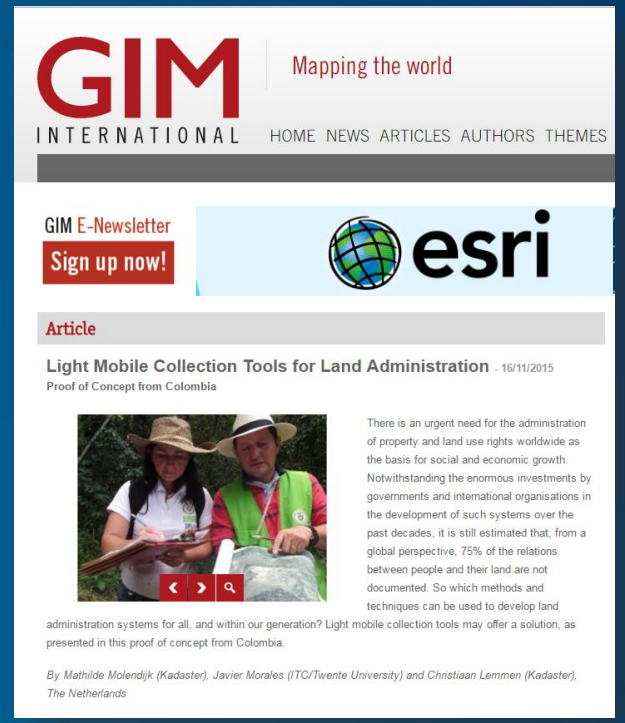

1
2

GIS Connects the Technology Dots

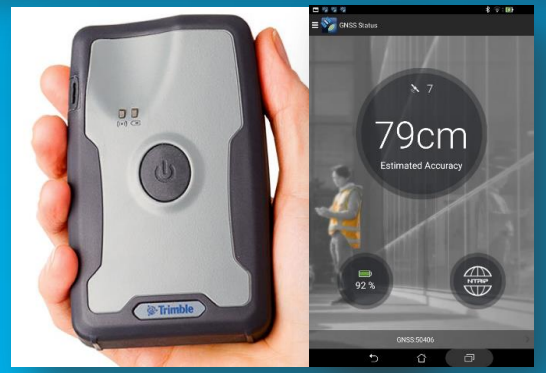


Collaboration in Colombia

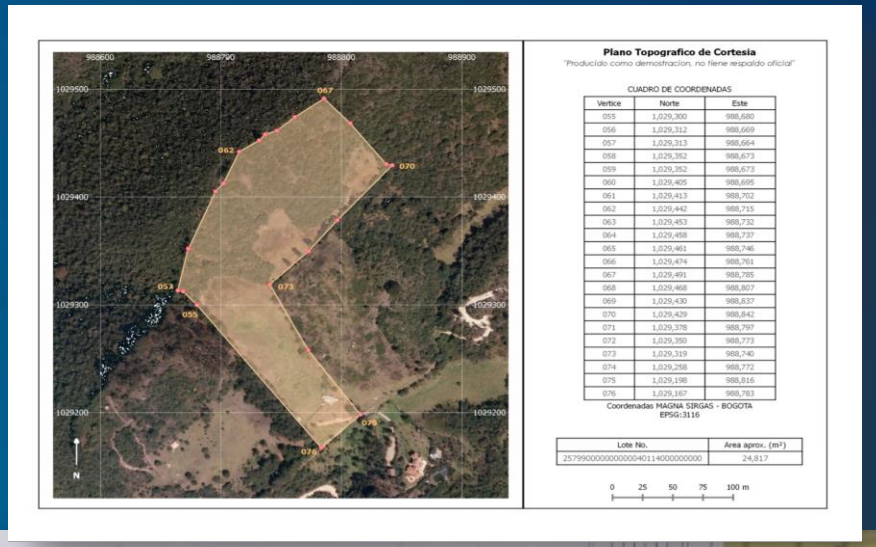
- IGAC – National Mapping Agency
- Kadaster International
- Trimble
- Esri
- Esri Colombia



Colombia

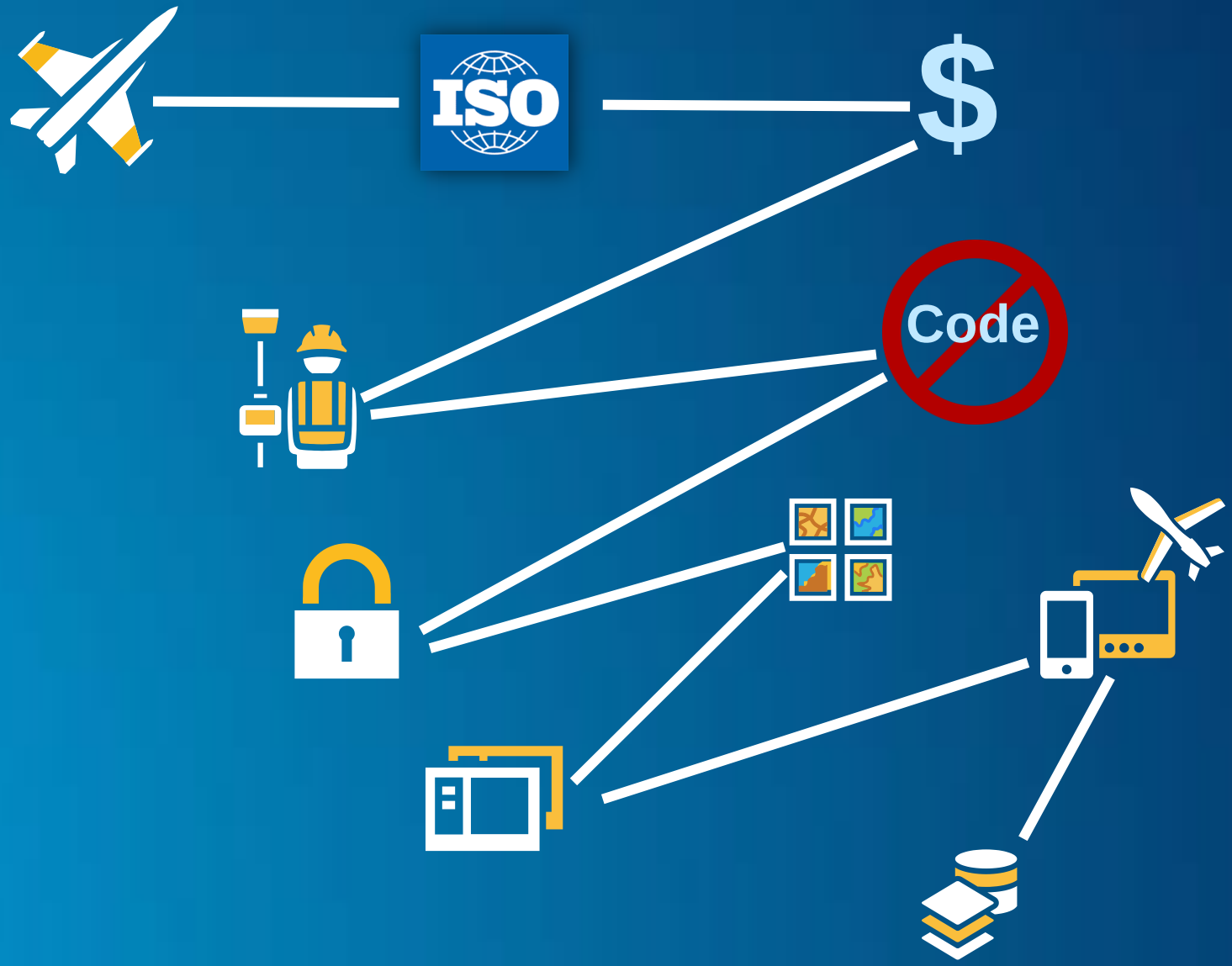

Trimble
GNSS Status
79cm
Estimated Accuracy
92 %
GNSS:50406

STREAM


Plano Topografico de Cortesia
"Producido como demostracion, no tiene respaldo oficial"
CUADRO DE COORDENADAS
Vertice | Norte | Este
055 | 1,029,300 | 988,680
056 | 1,029,312 | 988,669
057 | 1,029,313 | 988,664
058 | 1,029,352 | 988,673
059 | 1,029,352 | 988,673
060 | 1,029,405 | 988,695
061 | 1,029,413 | 988,702
062 | 1,029,442 | 988,715
063 | 1,029,453 | 988,732
064 | 1,029,458 | 988,737
065 | 1,029,461 | 988,746
066 | 1,029,474 | 988,761
067 | 1,029,491 | 988,785
068 | 1,029,468 | 988,807
069 | 1,029,430 | 988,837
070 | 1,029,429 | 988,842
071 | 1,029,378 | 988,797
072 | 1,029,350 | 988,773
073 | 1,029,319 | 988,740
074 | 1,029,258 | 988,772
075 | 1,029,198 | 988,816
076 | 1,029,167 | 988,783
Coordenadas MAGNA SIRGAS - BOGOTA EPSG:3116
Lote No. | Area aprox. (m²)
25799000000000004011400000000 | 24,817
0 25 50 75 100 m

Fit-for-Purpose Land Administration in Colombia

- Fast-to-Implement
- Standards-based
- Low Cost
- Accurate
- No Software Development
- Secure
- Leverages External Data
- Use Many Devices
- Future Proof
- Scalable
- Repeatable
- Works Disconnected



Connecting the Dots

with GIS

Brent A. Jones, PE, PLS

bjones@esri.com

Understanding our world.