



XYZ à Direct into ArcGIS on line

Neil Vancans

AEC Summit

Last Year's Opening Question

- Have you heard of Altus?
- Actually this was just after asking where's Donny?

Altus is Best known for Survey Systems

- Built around 3rd Party Software
- Software that enhances the use of the GeoDB

Baden Wurttemberg, Germany : LGL

APS-3 used with ArcGIS Mobile on rugged laptop PC

- Gisela is a toolbox built on ArcGIS Mobile
 - For agricultural land use, boundaries, areas etc.
 - ~200 systems in use



Land Consolidation Courts, Norway

APS-3G for GPS + GLONASS + GALILEO and SurvPC/ESRI

- First client with SurvPC + ESRI ArcGIS with 81 systems in use
- Work directly in MXD files
- Utilize a suite of Survey tools
- Built in QC procedures



APS-3L

Seamless RTK & L-Band in a compact and portable package

- **APS-3L**
 - Adds TERRASTAR to the APS-3
 - 1 cm RTK
 - 10 cm without Base Station or Network
 - Data through GNSS antenna
 - Worldwide Operation
- **TERRASTAR Subscription**
- **Interfaced to ArcGIS Mobile & ArcPad**



Better By Design

Today's Issue

Tablets...

Existing Sources of Positions...

- 90 -95% of Positions going into ArcGis are captured by a handheld device
- Often a tablet
- Increasing awareness of being able to capture a position simply
 - Little awareness of its “accuracy”
 - Lots of disappointment

+ / - 5 à 10 m ?

APS-GeoPod



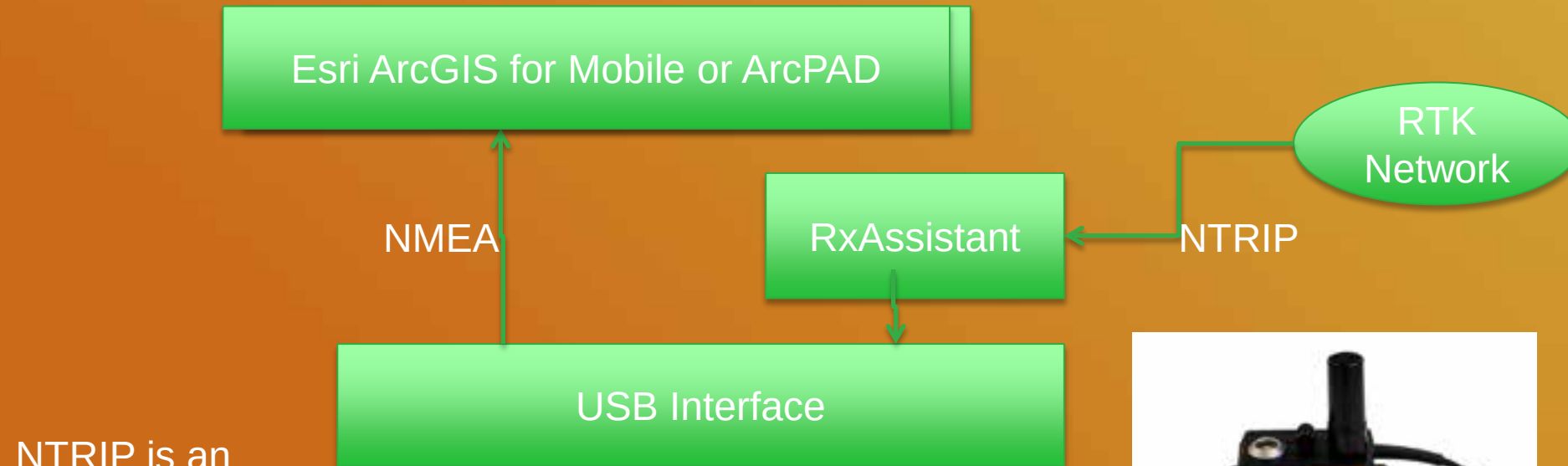
Existing Sources of Positions...

- Increase your geo-positional accuracy à 1cm
- Ease of use
- No need to upgrade existing tablets



Data Collection to GIS software Integration work flow

- ESRI ArcGis for mobile



NTRIP is an abbreviation for Networked Transport of RTCM via Internet Protocol.

NMEA National Marine Electronics Assoc.



Accuracy

- Internal Antennae - 1.2 m with SBAS
- Depending on the use of an external Antennae
 - cm accuracy
- No new tablet to buy
- Directly into the Collector

What about Android? Other devices?

- APS-GeoPod currently relies on USB to make its connection
 - Power
- No USB???

APS-NR2 - Network Rover Second Generation

- Coming to a tablet near you!
- new cell phone technology
 - no dropped calls
- 700 GRAMS
- Set it up with your phone!



Over to you Donny

..... Donny opens Wi-Fi manager

Check Out Galen's Presentation – hands on available





Altus & GIS Solutions

3:30pm Sunday, 7/13

Presented by Galen White



Understanding our world.