



“Activity Based Intelligence Tools In Action”

*NGA Partner Track – IGTF – Mtg. Room 12
– 3rd Fl. Tampa Waterside Marriott*

May 7, 2015

TODAY.....

- 1. What does ABI from the commercial geospatial world mean in terms of Pattern of Life Predictions & Intelligence?**
- 2. What are some of the impacts to the Future of ABI?**
- 3. ABI In Action....**
- 4. What is Coming Next?**

1. What does ABI from the commercial geospatial world mean in terms of Pattern of Life Predictions & Intelligence?

CONTENT.... PAST/Current!



Worldview-3

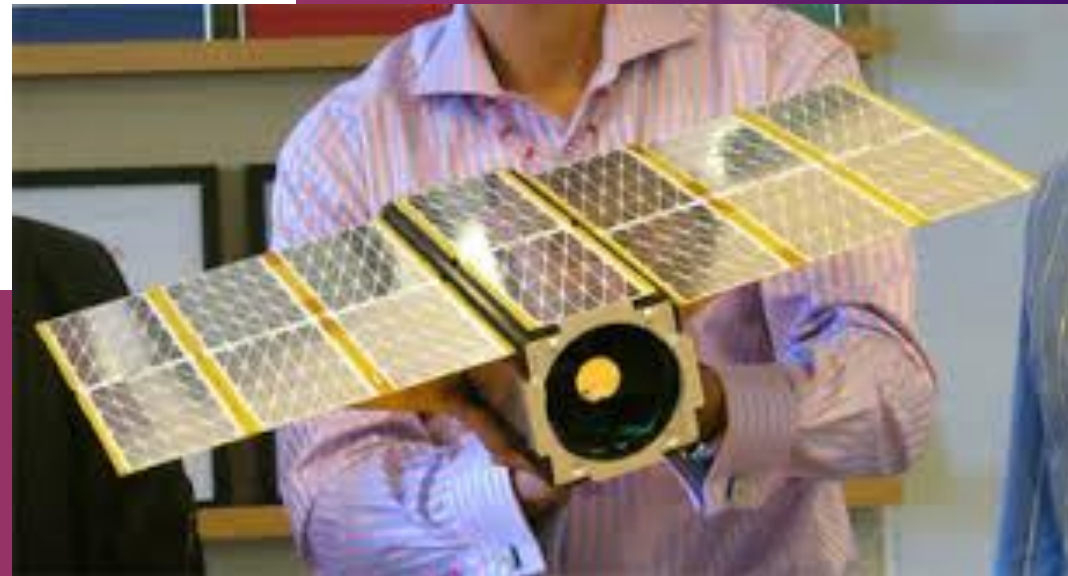
Bavarian Pigeon Corps 1903



CONTENT.... PAST!



CONTENT....In with the NEW!

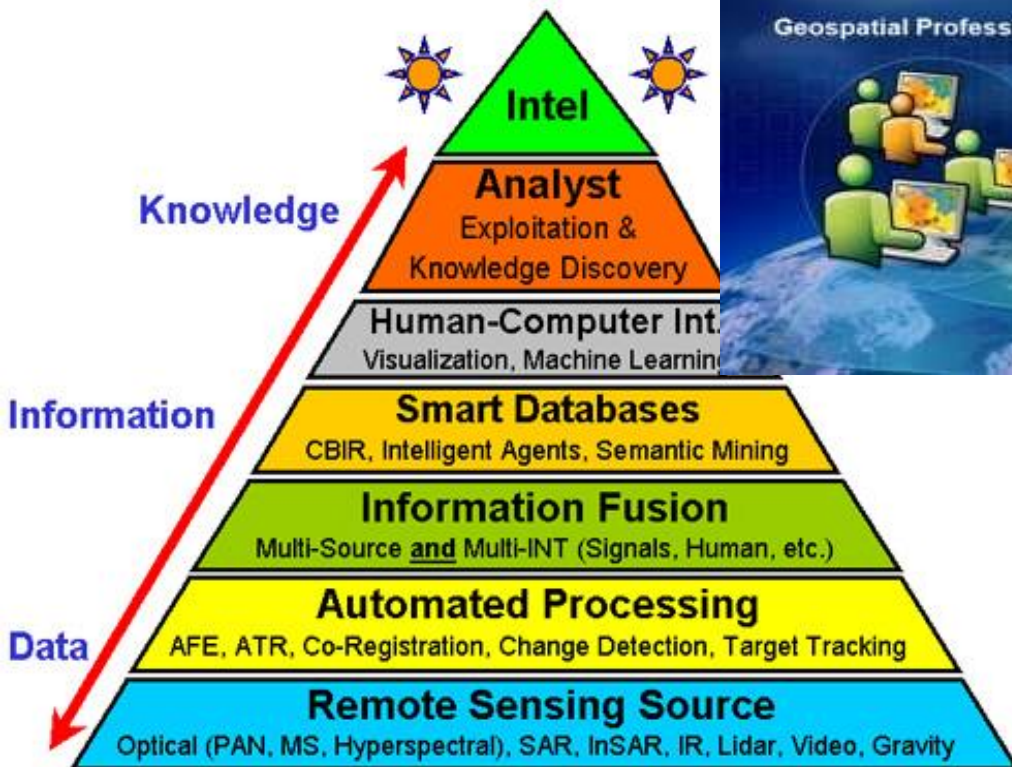


CONTENT....In with the NEW!



2. What are some of the impacts to the Future of ABI?

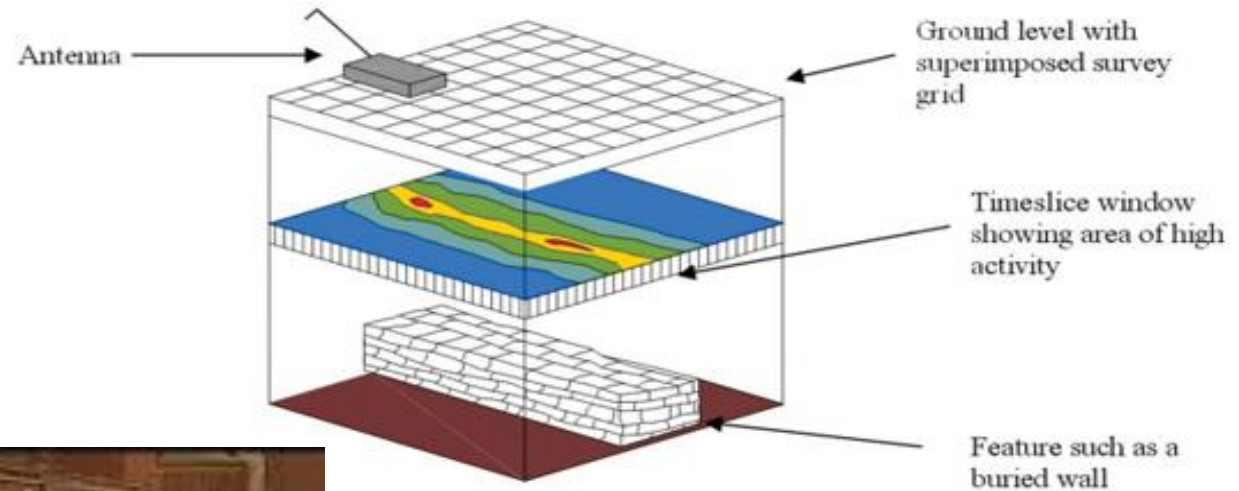
CONVEYANCE...Visualization Techniques & Technologies



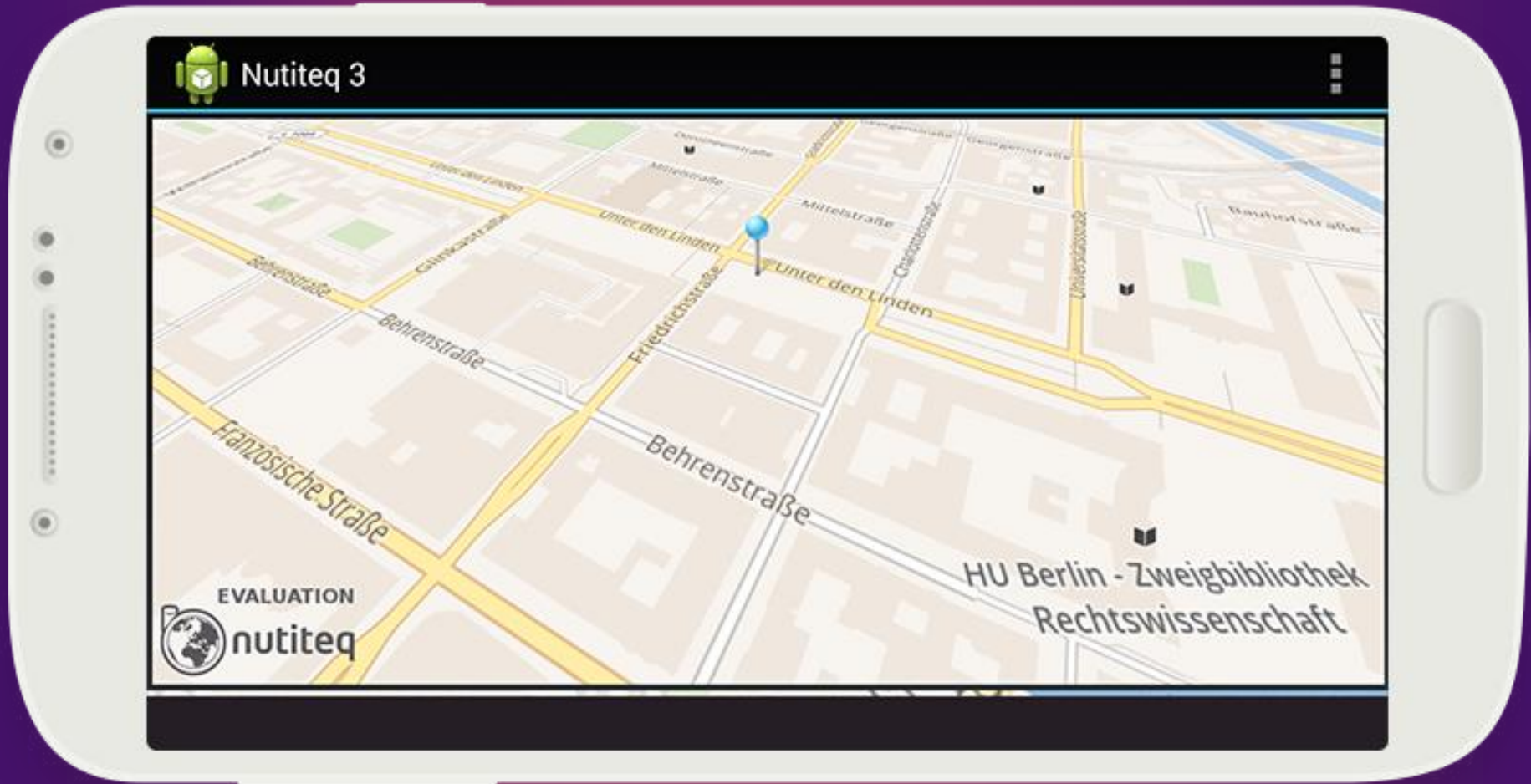
CONVEYANCE...Visualization Techniques & Technologies



CONVEYANCE...Visualization Techniques & Technologies



CONVEYANCE...Visualization Techniques & Technologies



CONTEXT... Locating Info in a Decision Space

- **LTE- Chipsets in Category 0 to M is now a reality...**



- **Increase of 50 Billion Devices by 2020**
 - from smart parking
 - connected utilities
 - connected homes
 - wearables
 - to cellular - the FOUNDATION of M2M and the

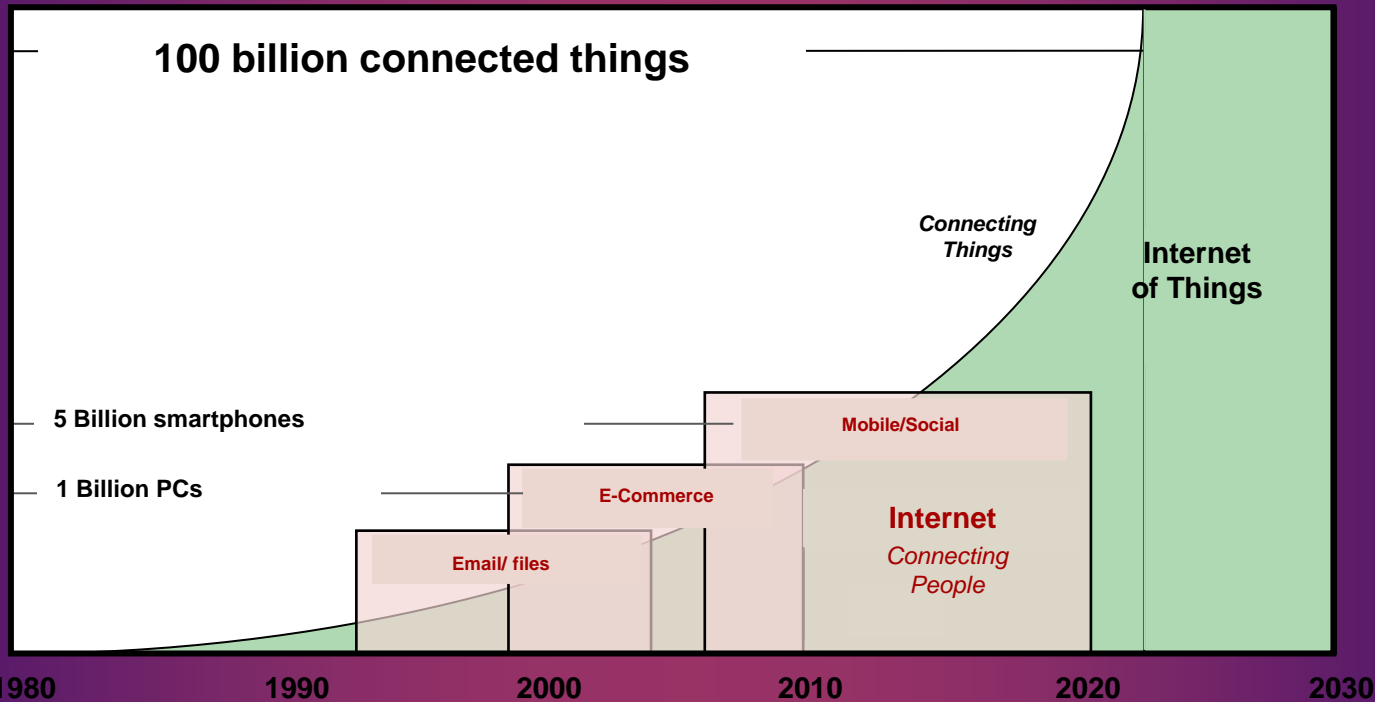
IOT –



SEQUANS
COMMUNICATIONS

CONTEXT... Locating Info in a Decision Space ----- The IOT/IOE

Billions of Devices: What's The Killer App?



- *"IoT is now: Connecting the real economy; the next revolution in computing" – Morgan Stanley*
- *"95% of C-suite expect their company to be using IoT in 3 years time" – The Economist*

CYBERSECURITY

Challenges of hyper-connectivity

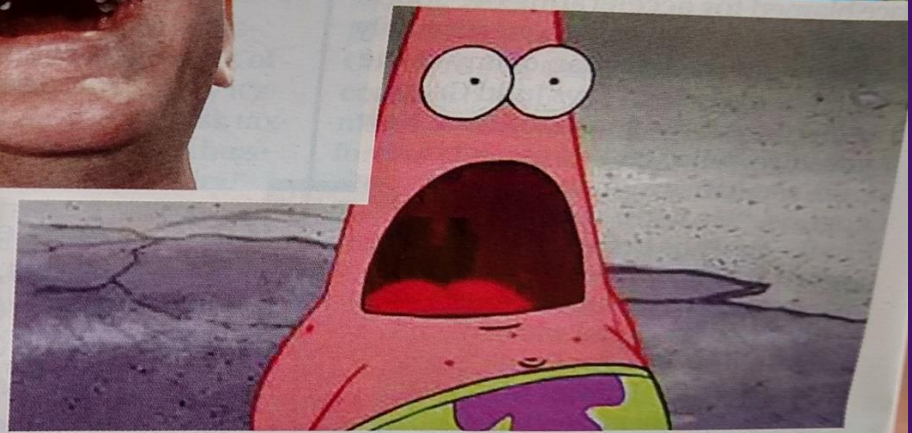
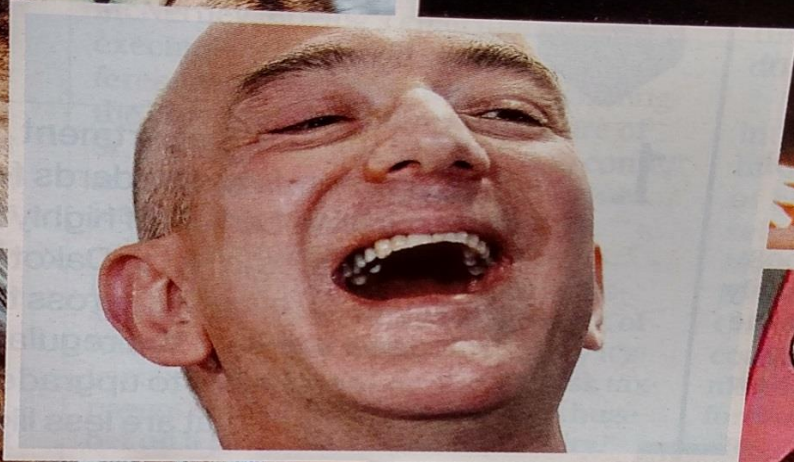
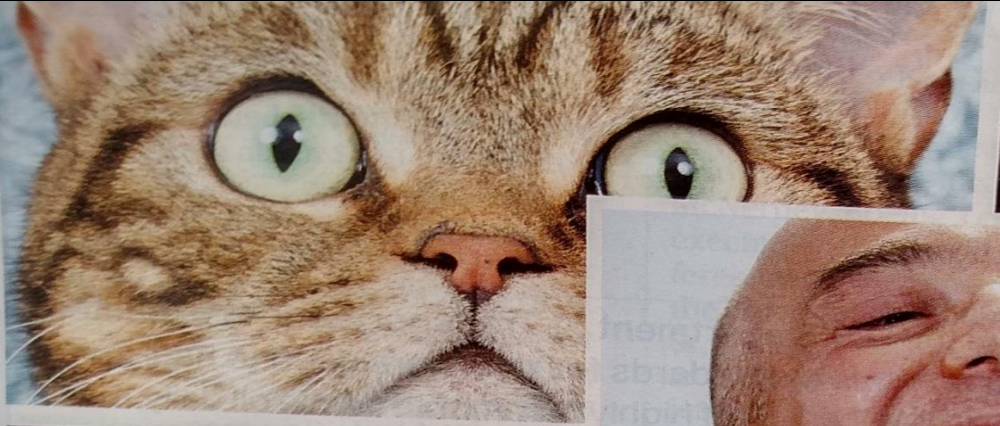
The \$445 Billion Cyber Risk Gap

The Internet of Everything will drive growth—
and create new globally interconnected risk
issues for businesses worldwide (yours included)



New cyber risks are constantly emerging, and as the Internet of Everything becomes more connected, they will do so at a faster rate.

CLOUD



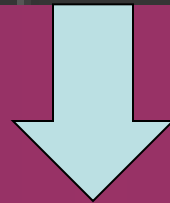
**Amazon's Cloud Is Worth
HOW MUCH?**

3. ABI In Action – Pattern of Life Predictions & Intelligence....

INTRODUCING....



P | T | F | S |
Empowering Content

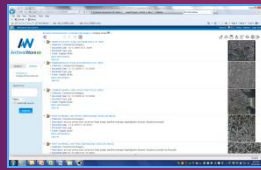


ArchivalWare™ GS Basics

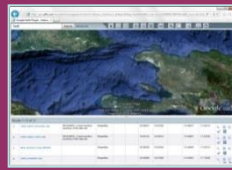
Presentation and Exploitation UI's

Secure, Easy to Use

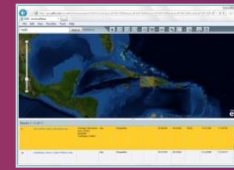
User Interface
Options



Multiple CMS
GUI's



GE Base map



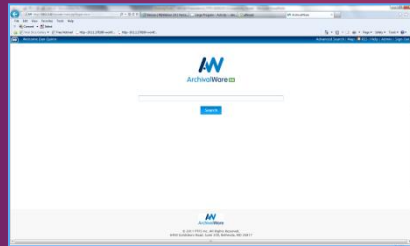
Esri Base map



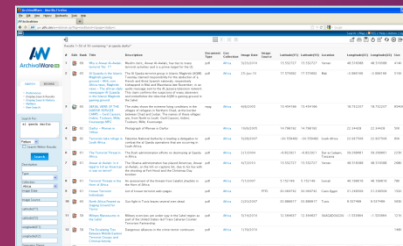
Remoteview

Powerful
Search

Basic



Advanced



Multi-INT File
Format Support



GEOINT Formats

NITF, GeoTiff, GeoPDF

Shapefiles

HRTe Level 3 Geo TIFF

DTED 1 & 2

Multiple Classified Formats

Non-GEOINT Formats

TIFF, PNG, JPEG, PDF

MPEG-1, QuickTime, Flash

MS Office, Open Office Files

Audio & Video

HTML, XML

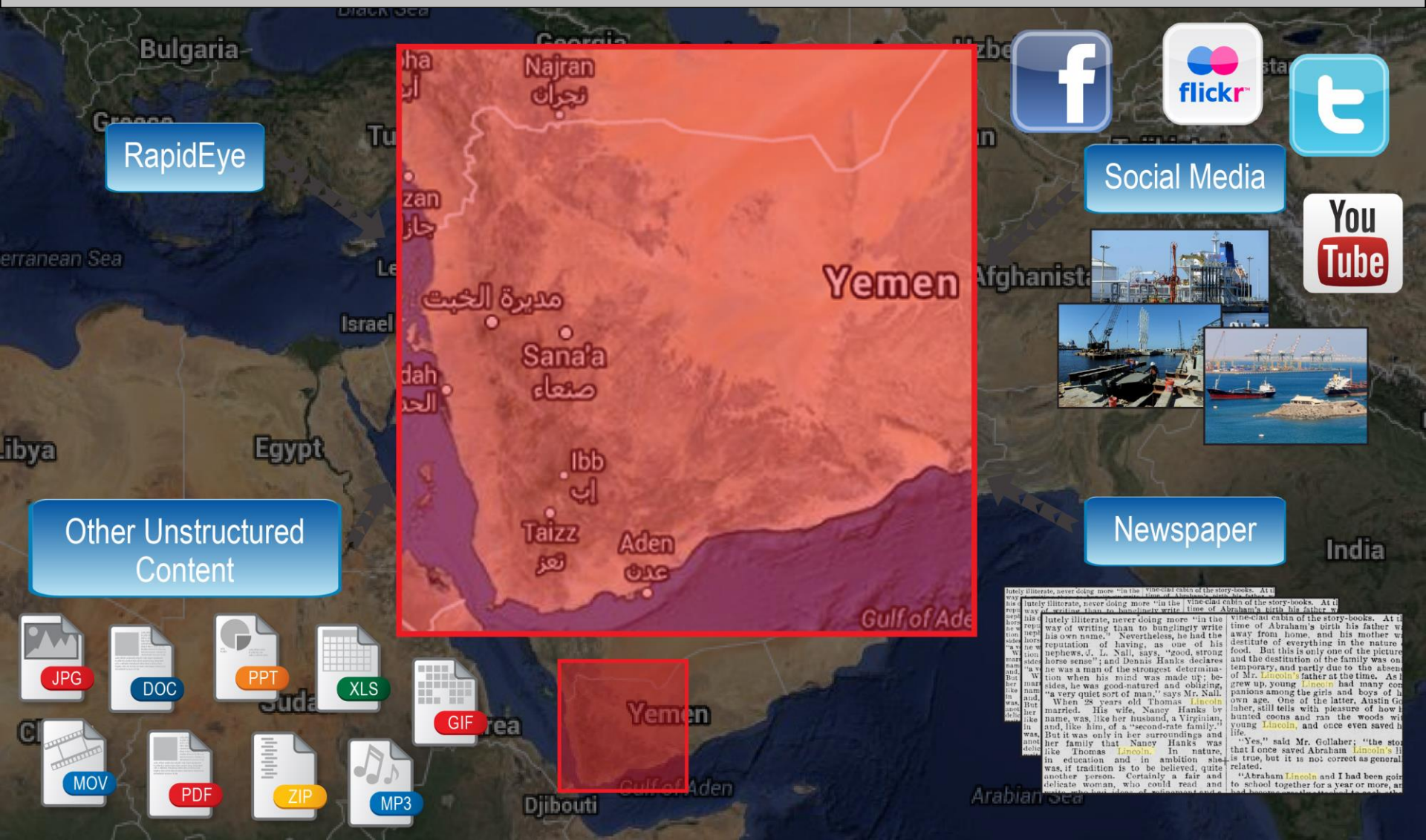
PTFS-Proprietary

PTFS and AWS Cloud

- Significant AWS experience since 2010.
- 700+ clients supported under Amazon EC2
- PTFS' Digital Library Services Platform was designed for Amazon EC2
- ILS Next GeoSQLR solution meets the agencies future vision and is C2S ready
- Amazon AWS Marketplace and Partner Network (APN) application in process for the AW-GS application
- Following Amazon IC Marketplace initiative



ABI Demo



Newspaper

RapidEye

Other Unstructured Content



lately illiterate, never doing more "in the vine-clad cabin of the story-books. At a time of Abraham's birth his father was away from home, and his mother was destitute of everything in the nature of food. But this is only one of the pictures and the destruction of the family was on temporary, and partly due to the absence of Mr. Lincoln's father at the time. As I grew up young Lincoln had many companions among the girls and boys of his own age. One of the latter, Austin Gollaher, still tells with pleasure of how I hunted coons and ran the woods with young Lincoln, and once even saved his life. "Yes," said Mr. Gollaher; "the story that I once saved Abraham Lincoln's life is true, but it is not correct as general related."

"Abraham Lincoln and I had been going to school together for a year or more, at had been seen the school of Lincoln's life."

4. What's Coming Next?

Collating Social Media and Cognitive Processing



OPERATOR

IDEAS AND MACHINES INC.

Upstream & Navigator

NGA - Workshop Announcement



Wednesday June 24th, 2015
1:30-4:30pm
GEOINT Symposium
Washington DC
Convention Center

**Federal Civil Disaster
Preparedness and Emergency
Response and Local Law
Enforcement Panels focus on
Preservation of Tradecraft**



Thank You ?'s

Geospatial Business Intelligence Experts™

- Dan Quinn, PTFS, Bethesda, MD
- Earl Dodd, Ideas and Machines, Houston, TX
- Christopher Rezendes, President & Guido Mengelkamp, Partner
 - INEX ADVISORS, LLC (Boston and London)
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