

YOUR GLOBAL
COMMUNICATION
PARTNER
CANTO 2017

DESIGNING TOMORROW TOGETHER

Our Business

KEY SERVICES

Product Engineering

Process Engineering

Networks & Operations

Design Led Manufacturing

Geospatial

INDUSTRIES SERVED



Aerospace & Defense



Communications



Energy



Geospatial



Industrial



Medtech & Healthcare



Mining



Rail



Semi-conductor



Utilities

FACTS & FIGURES

\$472 M
Revenue*

\$65 M
Operating Profit*

13,800
Employees

MARKET PRESENCE

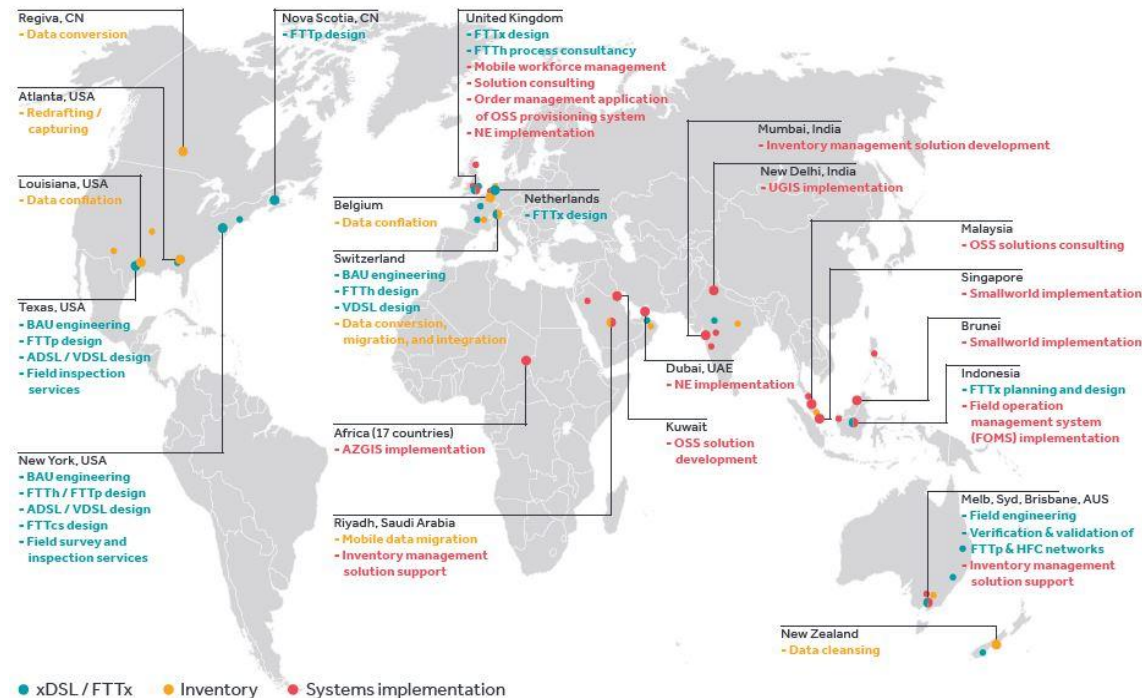
North
America/Caribbean

Europe, Middle
East, Africa

Asia-
Pacific

Key highlights

98%
Business from
Existing Clients



13,800+
Global
Workforce

2,500+
Telecom
Engineers

275+
Engineers
US &
Caribbean

• Our Communications Portfolio •

NETWORK PLANNING AND DESIGN	FIELD ENGINEERING	NETWORK INVENTORY MANAGEMENT	IT SYSTEMS	OPERATIONS SUPPORT SYSTEMS
FTTx, Copper, Coaxial Planning & Design DAS Turnkey Solutions Fiber Design for CRAN MDU/ MBU, BAU Engineering Job Pack Creation Cell Site Design & Drafting RF Planning, Design & Optimization Post Processing	Site Surveys & Audits In-Building Solution Deployment RF Benchmarking Drive Test & Optimization Wireless Field Survey (EMF / Infra / RF / Hotspot)	Network inventory Maintenance Network Inventory Quality Management Network inventory Feasibility Network Inventory Integration Network Analytics	Mobile Solutions Landbase Management Solution Implémentation Consulting Services Open Source Solutions Application Maintenance & Support Testing Services	NOC Services Mobile Workforce Management Managed Service Assurance Managed Service Fulfillment

Enabling a Connected Communications System

- Reduce operational cost by a minimum of 5% (10 Tech's @ 5% = \$150k US Annual Savings)
 - Visualize outages and the downstream effect
 - Direct appropriate skill-set technicians to specific outage based on the inventory in the vehicle
- Executive dashboard with roll-up of daily activities
 - Customer Churn
 - New services/offerings
 - Number of truck rolls
 - Troubles cleared/left open
 - SLA Repot
- Disaster Recovery
 - Network elements damaged by storm
 - Record documentation of all network assets and company fleet
 - Overlay surge data to record all assets that might have been submerged for a period of time

CYIENT

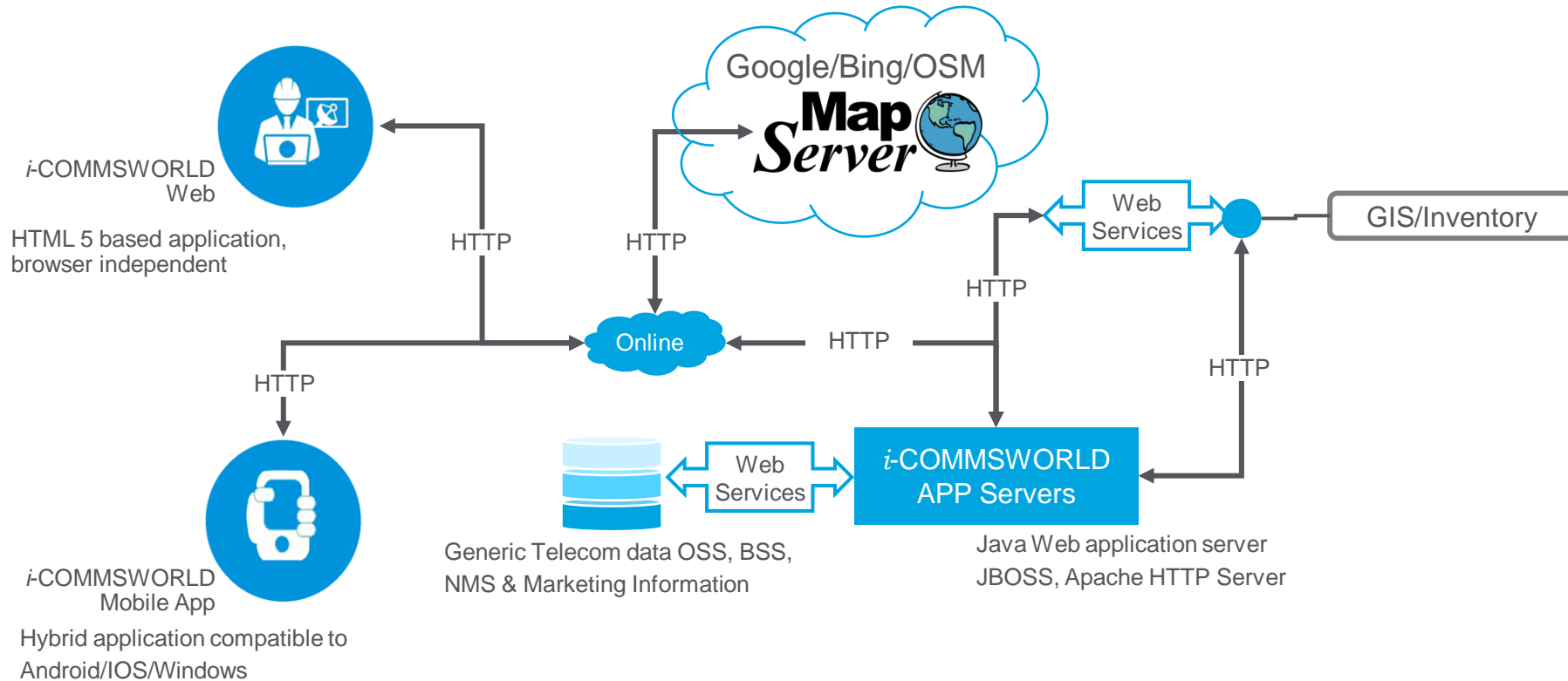
The background of the slide is a photograph of several large satellite dishes mounted on towers in a rural landscape. The dishes are made of metal mesh and are pointed in various directions. In the foreground, there is a field of green corn plants. The sky is blue with some light clouds. A semi-transparent blue rectangle is overlaid on the right side of the image, containing the i-COMMSWORLD logo and a text box.

i-COMMSWORLD

CONNECT E2E

Intelligent view of the network fused with vital forms of data that will allow more thorough insight into the day-to-day critical issues

Architecture



Data Fusion

Collections of OSS/BSS data generally fall into various categories that seem, on the surface, to be relatively independent of each other.

BSS Examples include:

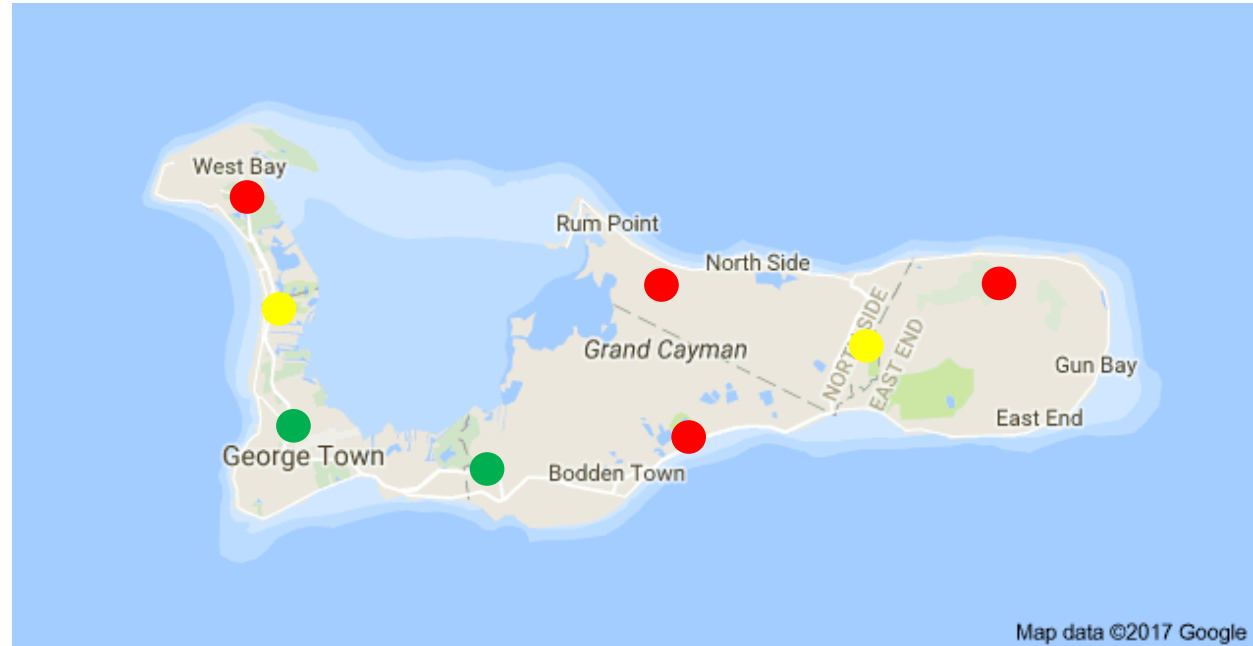
- Rating
- Service Orders
- Products
- Billing
- Customer Fraud/Relations
- Revenue Assurance
- SLA

OSS Examples Include:

- Network Design/Configuration
- Service Fulfilment/Assurance
- Fault Management
- Credit reporting agencies
- NMS

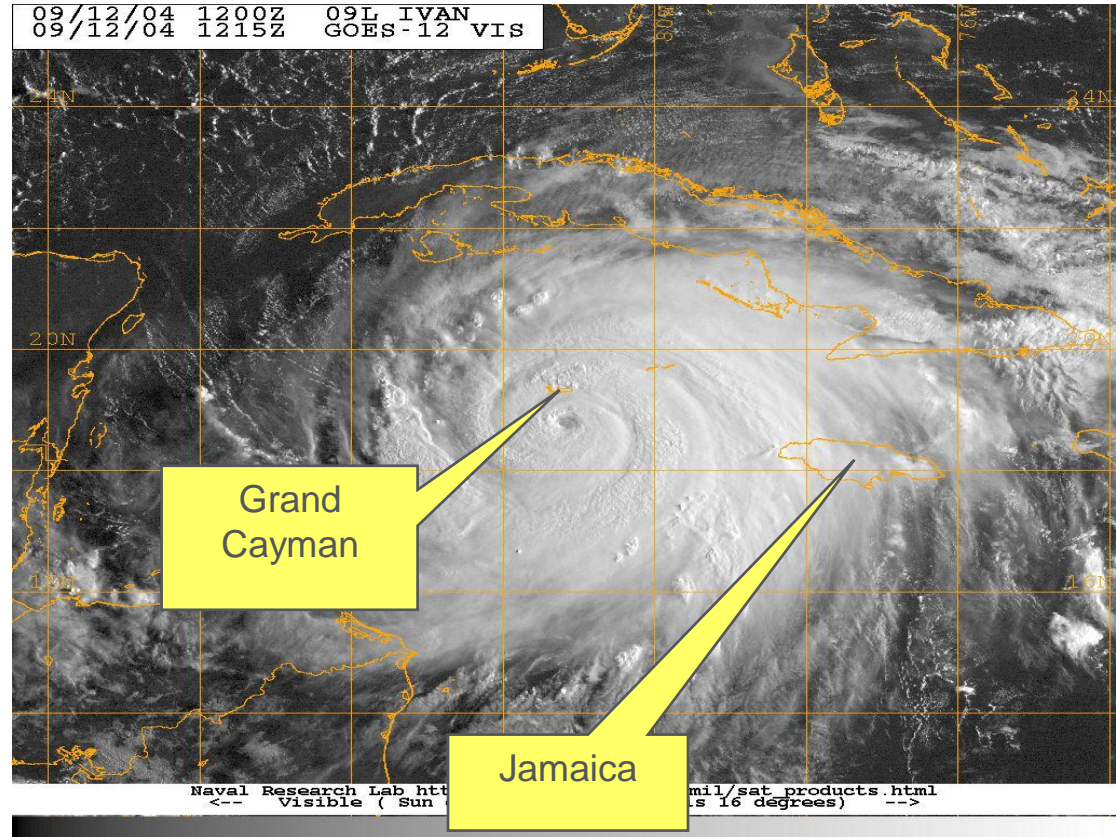
These data sources are often maintained separately and correlating information among them requires a robust tool that can access the specific pieces of data contained in each database and assemble this information into cohesive view of the entire network. The foundation for this platform is iCOMMSWORLD

Visual Outage Management



- Target the outage source
- Identify the downstream effect
- Prioritize based on SLA
- Proactively manage your network

Disaster Recovery

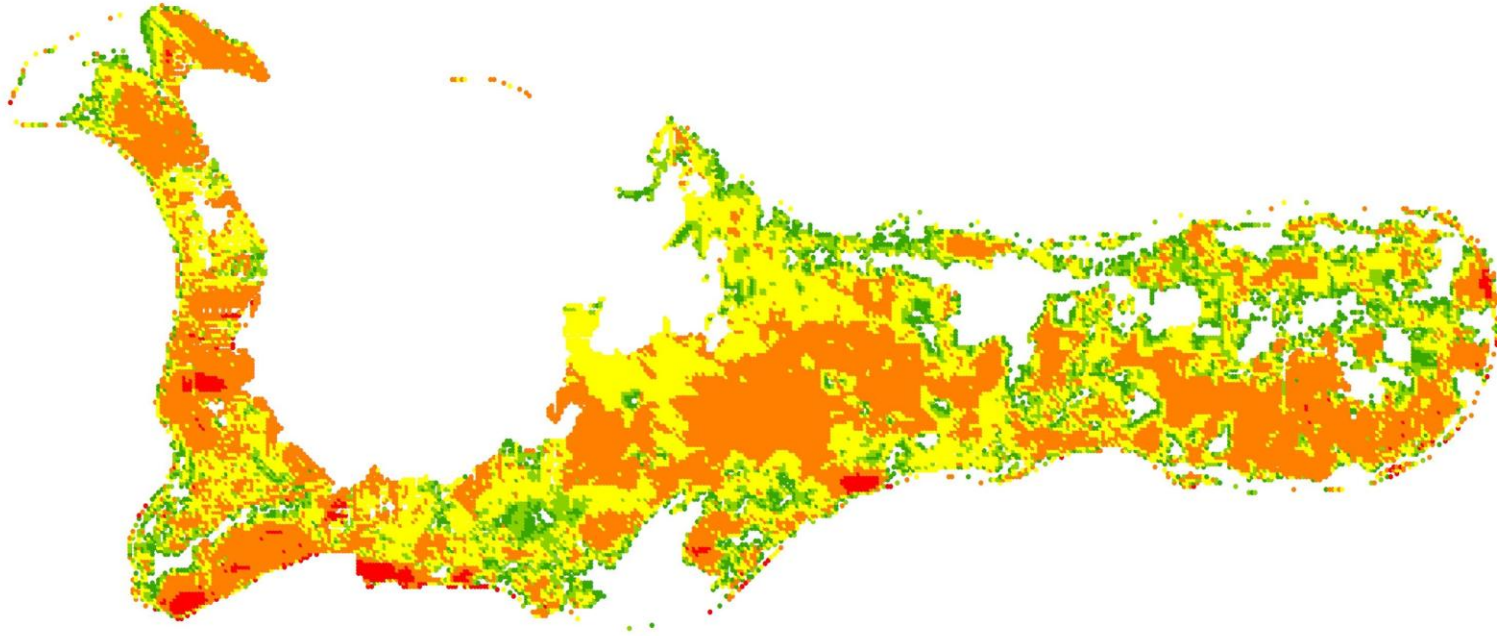


- Overlay weather onto network map
- Correlate weather activity to network outages

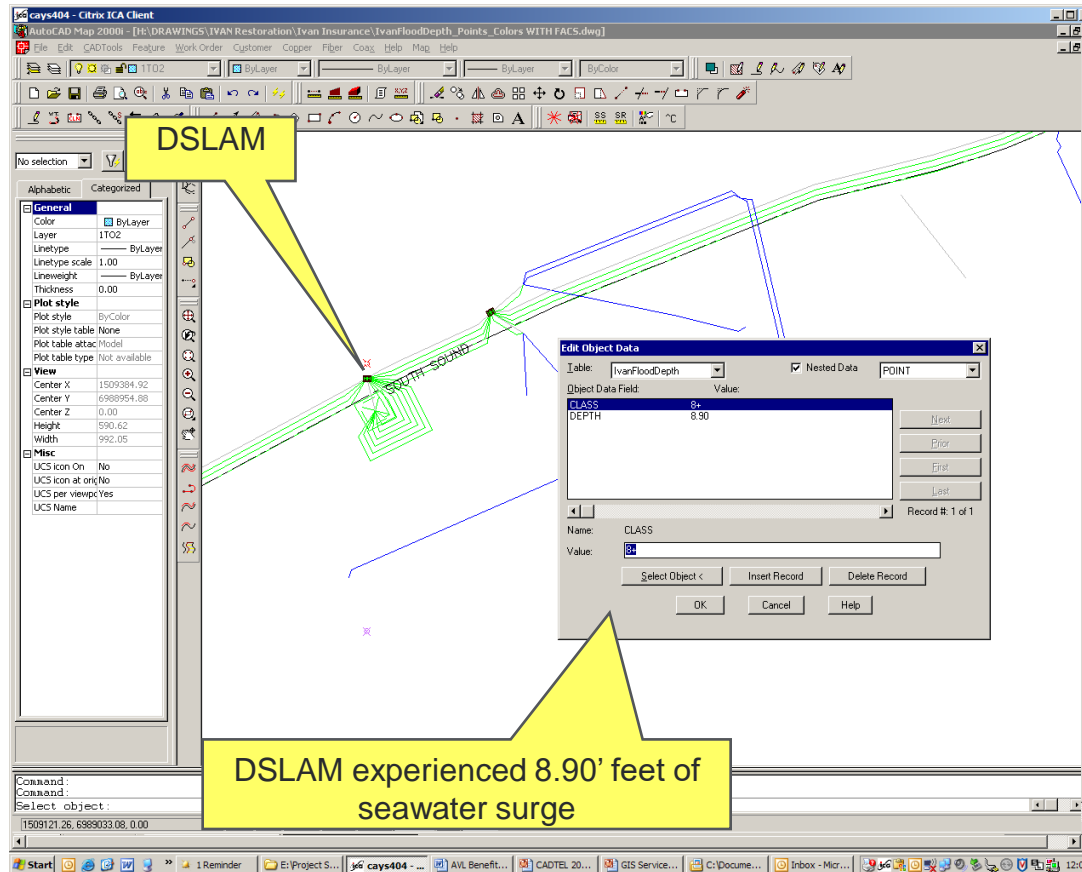
Disaster Recovery



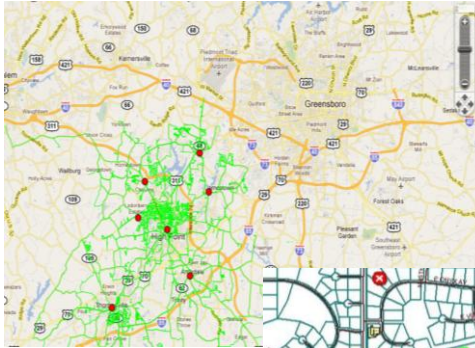
2004 IVAN Surge Data



Surge Data & the Network



iCOMMSWORLD



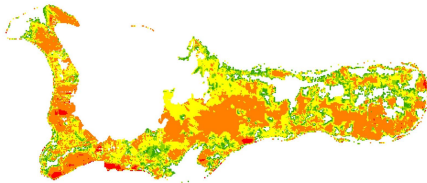
Outage Management



Installation/Provisioning



Customer Churn



Disaster Recovery

Manage Network

- Network elements visibility
- View and edit the network feature info
- View connected network features
- View photos and documents associated to network features



Workflow Orchestration

- Configurable workflows for projects/tasks
- Link project/tasks to user groups
- Transitional states to approve/reject projects/tasks



Field Operations

- Assist in field survey
- Network elements visibility
- Edit the network features online
- Take photos associated to network features



Dashboard Reports

- A birds eye view of project/activities
- Monitor the progress of project/activities
- Dynamic reports on single click
- Better visibility of project teams and contractors performance



The background of the slide is a photograph of several large satellite dishes in a cornfield. The dishes are mounted on tall metal towers and are pointed towards the sky. The corn plants are in the foreground, and the sky is a clear blue. The entire image has a blue tint. A large white rectangle is overlaid on the left side of the image, containing the text 'THANK YOU'.

THANK YOU