

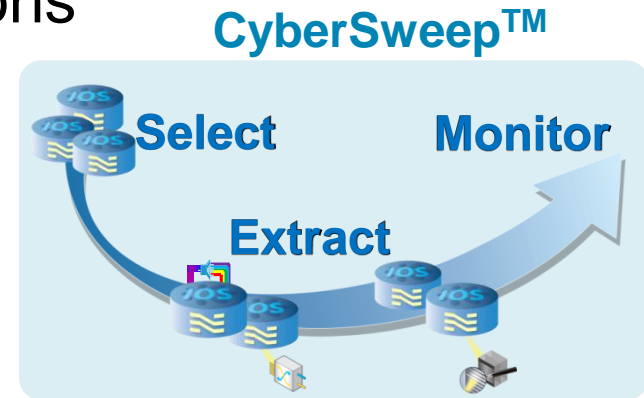
# Paradigm Shifts



Glimmerglass Networks

# Glimmerglass Networks Overview

- A global provider of optical cyber solutions
  - Intelligence Agencies
  - Defense System Integrators
  - Telecommunications Service Providers
- Customer base in North America, Europe and Asia, expanding into the Middle East
- Broad portfolio of 28 core patents
- Headquarters in Silicon Valley, California



# Selected Premier Customers

## Intelligence, Defense and Cyber Security



Various  
Government  
Agencies



**GENERAL DYNAMICS**  
*Strength On Your Side®*

**Raytheon**

**NORTHROP GRUMMAN**

**LOCKHEED MARTIN**



U.S. Intelligence  
Community



U.S. Navy



U.S. Air  
Force



U.S. Army



**SAIC**  
*From Science to Solutions*



U.S.  
Department  
of State

## Telecom Service Providers

**Cable&Wireless**  
Worldwide

**interoute**  
*from the ground to the cloud*

**amsix**  
amsterdam internet exchange

**swisscom**

## Advanced Technology Research



UC  
San Diego



**NTT**



TRINITY COLLEGE DUBLIN  
COLÁISTE NA TRÍONÓIDE, BAILE ÁTHA CLIATH

THE  
UNIVERSITY  
OF DUBLIN



**Glimmerglass**  
Networks

# Select Optical Signals to Access Communications

## Select

Communication Sources

International Gateway



Submarine Cable Landing Station



Point of Presence (POP) / Central Office



## Optical Signals

**Acquire**  
**Select**  
**Distribute**



# Monitor Targets and Communications

## Select

Communication Sources



Optical Layer Mux/DeMux



Link Layer Mux/DeMux



## Monitor

Actionable Intelligence

Examples:  Gmail  
by Google



facebook



YAHOO!.MAIL

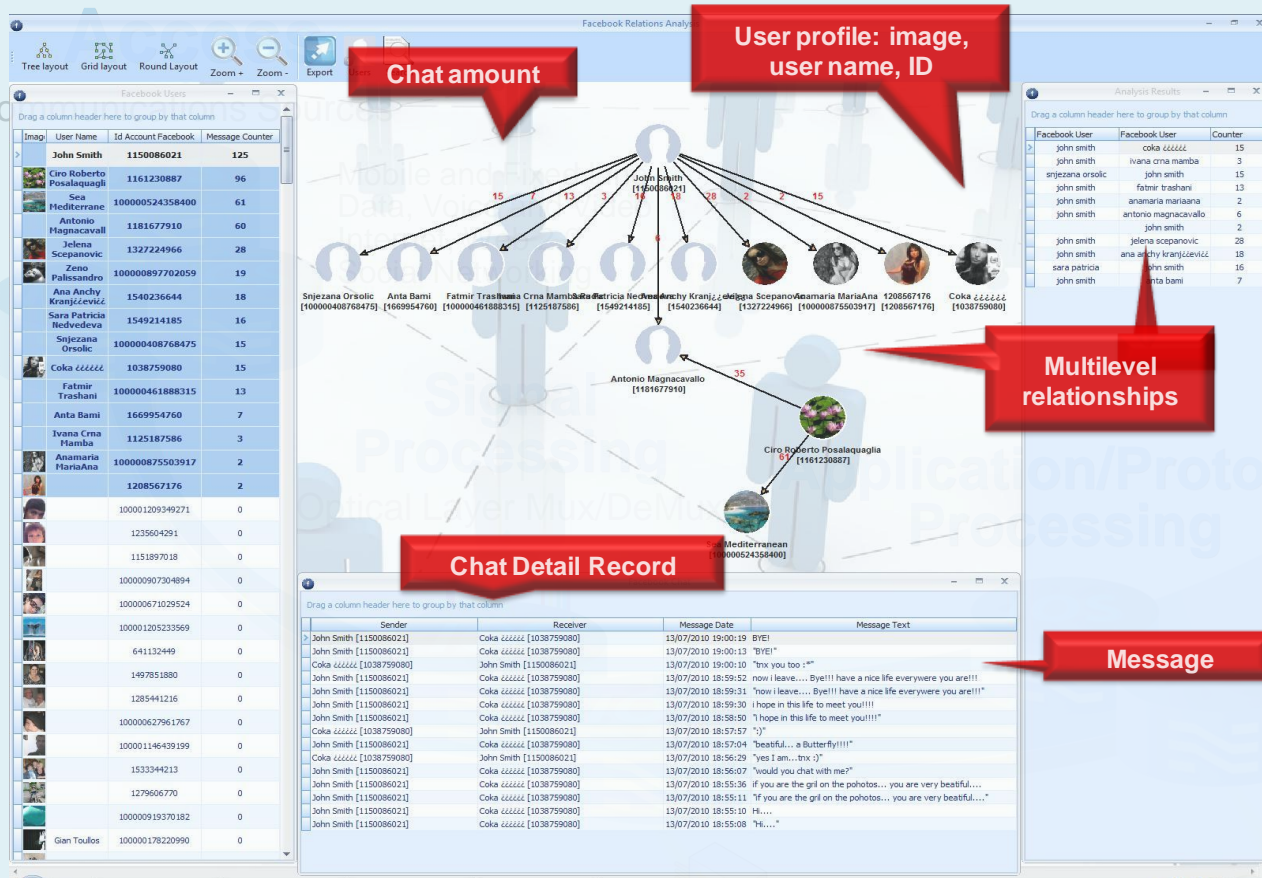


Probes / Sniffers



# Monitoring (cont.)

facebook



**Monitor**  
Actionable Information

Link Layer Mux/DeMux

Probes / Sniffers