

[illegible]

- Multiple 10GbE link support
- Sophisticated filter criteria
- Session based pattern matching
- Encrypted Traffic Discovery and Collection
- IPv4/ IPv6 support

- Built to face the constantly changing environment of the web
- Comprehensive analysis of web technologies
- Automatic web protocol changes detection
- User configurable plugins for adding new web services
- Performance oriented solution
- High availability architecture

AQWIREX automatically intercepts and analyzes in real time the major social networks applications and extract all the relevant data including profile information, friends, feeds and posts in order to provide a clear visualization of the entity and a mapping of all the target connections.

AQWIREX analyses web based chat applications and displays the entire correspondences between targets in real-time.

AQWIREX analyzes e-mail communications and extracts the relevant information from the header (From, To, Cc, Bcc, Subject, Date, etc.), body and attachments of the e-mail.

AQWIREX analyzes and extracts information including threads (subjects, comments, date, entities), personal messages and user profiles.

- **High Bandwidth** passive network interception
- **Flexible Solution** that meets web 2.0 dynamic environment needs
- **Real-time** packet analysis
- **Scalable** from **TACTICAL** to **NATIONWIDE** interception
- **Traffic Track Back** at real time, link mapping at wire speed
- **Massively Parallel Processing** utilizing sophisticated filters and pattern matching rules
- **High Availability** architecture
- **Open-Architecture Platform** that integrates seamlessly with 3rd party systems
- **Software** solution running on standard COTS (Commercial Off The Shelf )



## Content-based Social Network Analysis

Founded by a group of cyber intelligence experts, WireX- Systems aims at helping organizations cope with the ever-changing challenges in today's networks by providing the upmost granular picture of applications and activities of IP based communications.

WireX-Systems unique solution (AQWIREX) is a cyber intelligence system that intercepts, analyzes and builds an accurate picture in real time of users' actions within social networks, web mails and other web applications.

The system is especially designed for law enforcement agencies, national security organizations, cyber security agencies and forensic investigation needs.

AQWIREX intercepts IP traffic and performs in-depth packet inspection in order to extract critical information and relationships from **social networking sites**, webmail, chat, post and other web based communications. The "interesting" information, produced from all layers of the OSI model, is tagged and processed by our deep packet analysis engines and the results are delivered in real-time to allow investigators to act in as events occur.

Web 2.0 applications are characterized by massive use of scripting languages, a large number of different interfaces to the same application (Facebook on Windows7, IOS or Android are different) and huge amounts of user data passing through these sites. As a result, tracking protocols changes has become a complicated and continuous reverse engineering effort, which requires a new level of expertise, since traditional DPI capabilities are just not good enough.

The AQWIREX is designed to meet the challenges of this dynamic environment without needing to re-write the decoding engines every time a new version is released.

## Decoding Capabilities

