

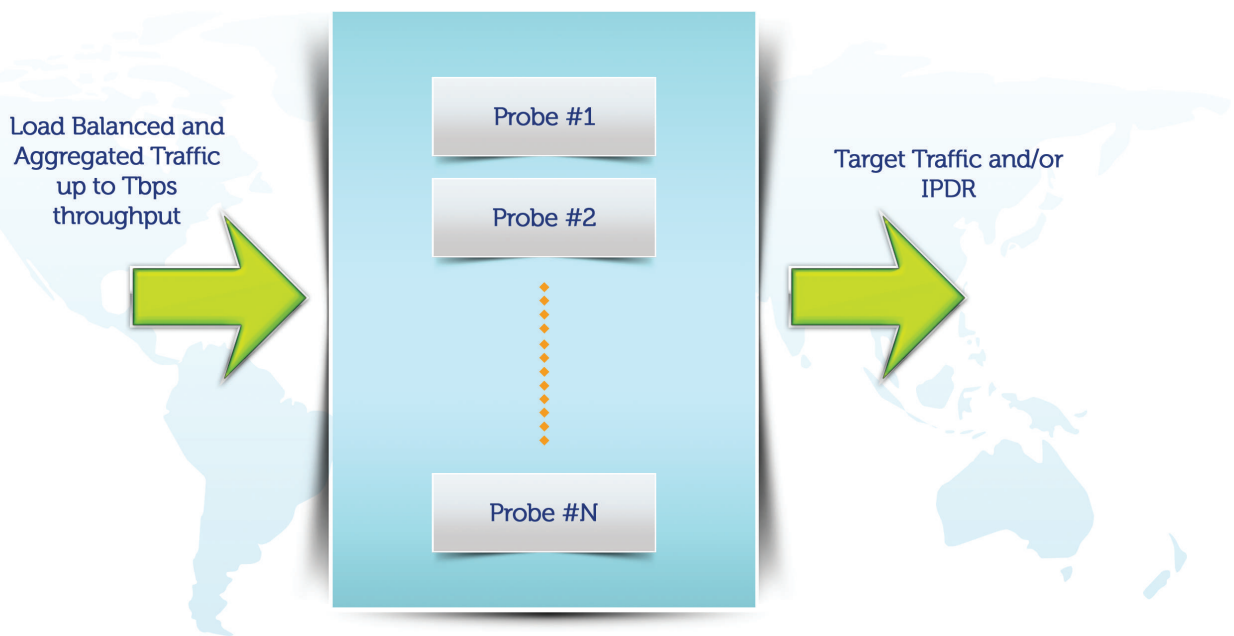
## »» C2TECH Probing and Packet Inspection Solution

Probing and Packet Inspection applies deep packet inspection for traffic classification and target detection. C2TECH Probing and Packet Inspection solution has advanced protocol classification, extraction of content and metadata capabilities in real-time and supports Gpbs+ throughputs.

C2TECH Probing and Packet Inspection is designed for centralized target detection systems as well as distributed architectures.

### System Features:

- ATCA compatible blades and packet processors to handle Gbps traffic on a blade
- High available and redundant architecture
- Scalable architecture up to Tbps real-time traffic
- Support 100M and 1/10G copper and optical interfaces (easily upgradable to 40G interfaces)
- Advanced system monitoring
- Easy target list definition and update
- IPDR and target traffic streaming for decoding and monitoring



## »»» Software Features:

- Classification of network flows using DPI engine
- Advanced session management (correlation, reassembly)
- Real-time extraction of metadata and content (richest library of protocol & application metadata and content available on the market)
- Applications can use the extracted information in two ways:
  - »»» Passive mode: reporting on mined traffic data
  - »»» Inline mode: blocking or modifying traffic based on extracted metadata and content
- Real-time extraction of traffic metadata (caller, type of file downloaded, IMSI, etc.) and content (e.g. email text or VoIP stream based on RTP data)
- Layer 7 recognition and classification based on protocol semantics and grammatical analysis
- Visibility at session, application, service and user levels
- Session correlation of multiple sessions (e.g. RTP and SIP) relating to an application (e.g. VoIP)
- Complete traffic visibility
- The widest and deepest protocol and application knowledge on the market:
  - »»» Over 300 network and application protocols recognized
  - »»» Over 4,000 metadata extracted
- Examples of protocols and applications recognized
  - »»» Mobile telephony: WAP, GTP, etc
  - »»» Audio/Video streaming: RTP, RTSP, WMP, YouTube, Dailymotion, Real Player, etc
  - »»» VoIP: H323, SIP, MGCP, etc
  - »»» Business: Citrix, Oracle, SAP, MS Exchange, McAfee, etc
  - »»» Peer-to-Peer: eMule, BitTorrent, etc
  - »»» Network: TCP/IP, DNS, DHCP, etc
  - »»» Instant Messaging: Skype, MSN, Gtalk, etc
  - »»» Webmail: Gmail, Hotmail, YahooMail, etc