

Hybrid-Cloud Observability for Banking, Financial Services, and Insurance

Enabling Modernization through Digital Transformation and Agility

Contact Our Financial Solutions Team to Learn About:

- ✓ **Modernizing IT for Banking and Insurance**
Enable "Cloud Smart" Strategy for Digital Transformation and Application Modernization in Banking Services
- ✓ **Optimizing Speed and Capacity of IT services**
By using IT observability solutions to enable increased demand for mobile banking, trading, and new online capabilities
- ✓ **Improving Cybersecurity Posture and Compliance**
By focusing on the most dangerous threats and quickly mitigating them by using Zero Trust and NDR

Comprehensive and Reliable Visibility for Assuring IT Resources and Driving Customer Experience

Banking and Financial Institutions have been at the forefront of digital transformation initiatives as they look to build resilience, become more agile, and future-proof their investments.

The Covid-19 pandemic further accelerated the banking industry towards digitization to drive customer experience and business modernization. A recent 2021 report from Google found that the "vast majority" of financial services companies, including banks, are already using the public cloud, and interest in multi-cloud migrations remains strong. But many banks' underlying IT infrastructure is still catching up with these modernization shifts, which has created new challenges for the executives and teams responsible for maintaining and securing the applications and networks that banks rely on. These include delivering service agility, maintaining a positive user experience, resilience against breaches, and keeping their data secure. A solid network-centric observability strategy and practice can help solve these challenges.

cPacket Enables Full-Stack Observability Driving Customer Experience in a Multi-Cloud Environment

Lossless high-fidelity network monitoring is the foundation for gaining observability for the entire hybrid cloud environment that connects complex distributed IT Infrastructure and application workloads with end-users and IoT devices. The actionable intelligence lets IT personnel and tools know what is happening, when, where, and why so corrective actions can be taken with accuracy, agility, and confidence.



Accelerate Transaction Velocity



Increase Service Agility



Enhance User Experience

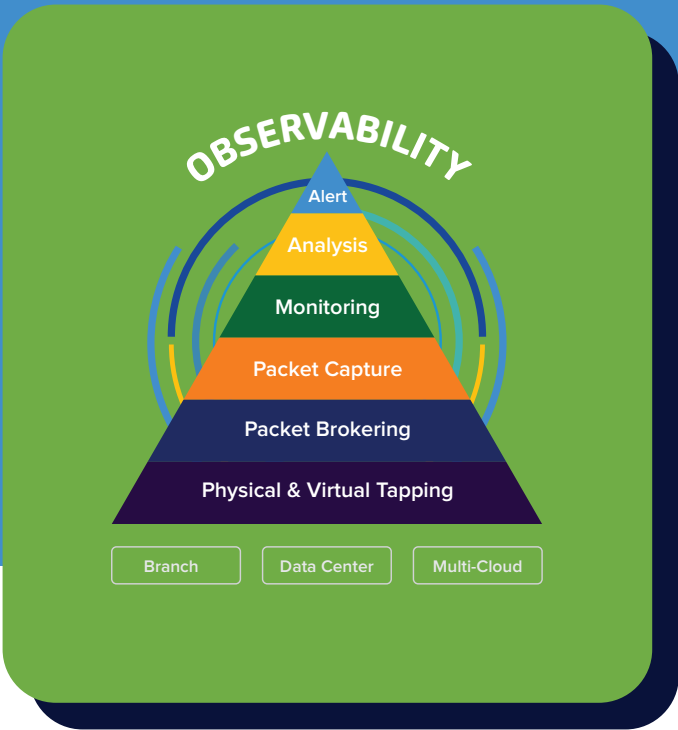


Ensure Data Integrity

cPacket's transformative intelligence observability platform provides banking and financial services organizations end-to-end visibility into every network component that makes up their on-prem, cloud, and hybrid environments. Analyze key metrics such as TCP retransmits, latency, SYN failures in real-time and capture packets at ultra-high 100G data rates for forensics analysis. Track key KPIs with a single pane of glass analytics to monitor the health of your network. This enables the network operators and the security operators to work closely together, breaking the traditional silos that is paramount in today's heterogeneous environment.

Benefits of Network-Centric Observability:

- Real-time visibility into all network traffic to understand and optimize performance and improve security
- A single pane of glass that simplifies network and security operations across physical, virtual and cloud environments
- Lay the foundation for shifting security strategy from reactive to proactive for hybrid or multi-cloud environments
- Quickly isolate and resolve IT service outages and performance issues
- Threat detection and response to find and remediate threats on the network faster



Acquire Network Packets for Analysis, Delivery, Storage

- From fixed and custom vantage points using TAPs and SPAN
- Physical networks: at data rates up to 100Gbps
- Virtual networks and subnets: Hybrid-Cloud and Multi-Cloud
- Store packets on extensible encrypted storage

Security

- NDR/XDR, SIEM, SOAR, Zero Trust

Performance

- AIOPs
- NPMD
- ITOM, ITSM



- Filter
- Replicate
- Protocol profiling*
- Adjust and bridge different data rates*
- Forward to multiple targets (e.g. tools, analytics, dashboards, end-users)

Network and Traffic Analytics

- KPIs, SLIs
- Microburst
- Latency
- Market Data Gaps
- Forensics

Streamed, captured and stored network packet data plus observability dashboards from the cPacket's Intelligent Observability Platform fuel the tools needed for cyber risk mitigation and IT operations tasks as follows:

Security Operations

For SOC, Zero Trust validation, red and blue vulnerability assessments, Network Detection and Response (NDR)

IT Operations

Maximize IT Operational Efficiency for the NOC, Network Ops, Application Ops, Cloud Ops, DevOps, SRE, and the Help Desk

Forensic Evidence

For threat hunting, troubleshooting, and agile and accurate problem remediation, and regulatory compliance

IT Tools

For maximizing/optimizing cybersecurity defenses, performance, end-user experiences, OE effectiveness, and capacity