

鈦智科技有限公司



Introducing Adnetwork



- 成立於2005年
- 代理網路測試分析設備
- 網路技術顧問
- 專業技術解決方案



- Performance Test
- Conformance Test
- Security Test
- Management System



- 4G LTE/ 5G 測試
- WIFI 和 11AX 測試解決方案
- 時間和頻率同步測試
- 可視化分析和協議工具
- 網路監控與記錄
- 高速數據記錄
- 資料庫智能分析
- 加強網路資安防禦

History

2005

In 2005

Established in Banqiao
Agilent N2X

Customer : Air Force
Institute of Technology
/ CHT / FET

2008

In 2008

Calnex: Time Sync Testing
Veriwave: WiFi Testing
BreakingPoint System:
CyberSecurity Testing
GL: Ethernet Testing
Endace: Data Capture
Perytons: Bluetooth Testing

Customer:
NSB/ Adventech / Pegatron ...

2010

In 2010

IXIA Product - Taiwan Agency
High-Speed Network Generator
and Protocol Testing

Customer:
(NEMs / Government)

2014

In 2014

Expanding the team
and relocating to Tu-
Cheng.
Discover the future
trend of Time
Synchronization and
then vigorously
promote the layout

2018

In 2018

Network Visibility
Analysis

Technical Service
Consultant

Customer:
NSB

2021

In 2021

Recommend
Time Sync,
satellite
simulation,
cybersecurity
and other
testing
technologies to
the NCSIST



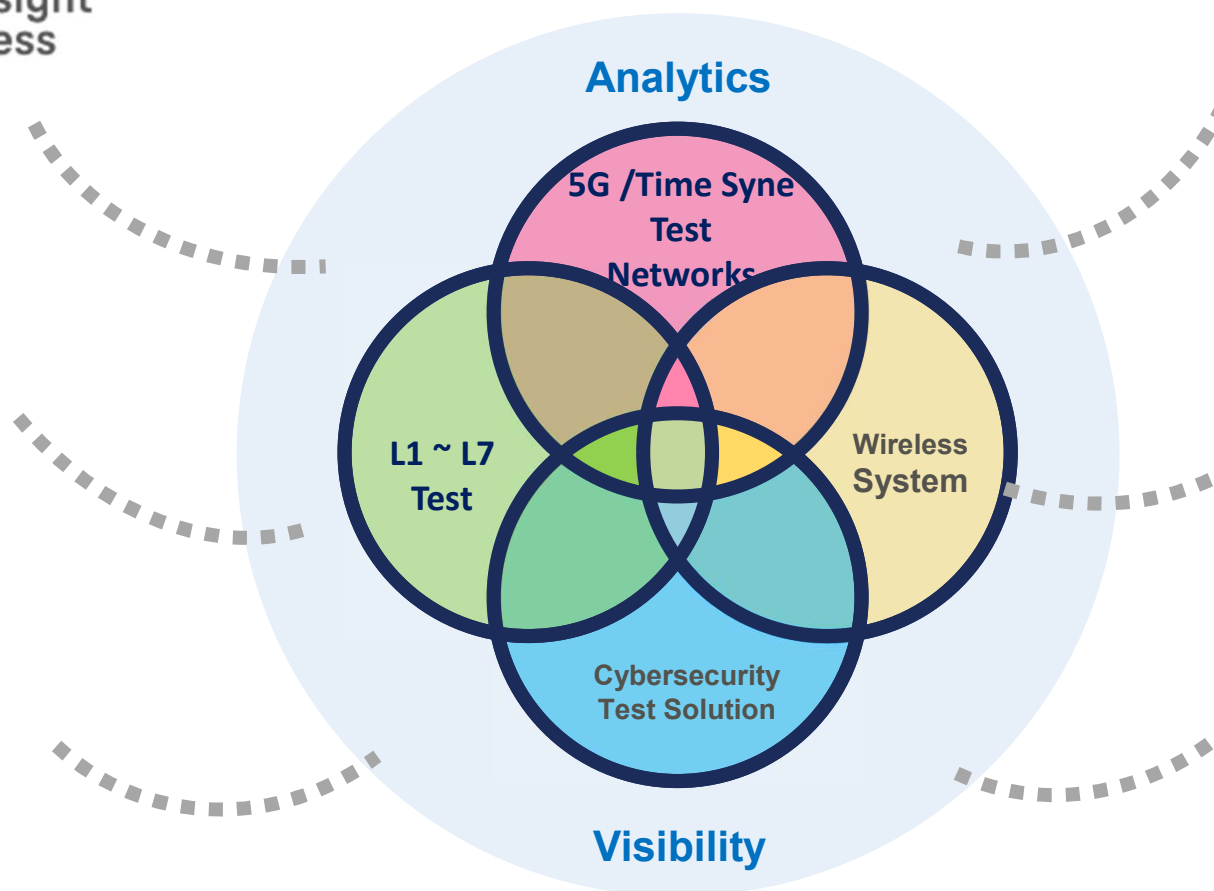
Introducing Adnetwork

ixia | A Keysight Business

Calnex
Insight and Innovation

VIavi

GL
Communications Inc.



IxVeriWave

WiCheck

BreakingPoint
Find it before they do.™

4 **AdNETwork**

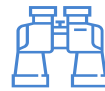
Advantages



High Speed Ethernet Test Solution

- Ethernet L1 ~ L7 Test Solution
- Switch/Routing Protocol Testing
- Protocol Conformance Testing
- AVB/TSN Testing
- Network Visibility Analysis

In 2020, collaboration with NSB and equipment procurement.



Cybersecurity Test Solution

- Application Traffic Testing
- Network Attack Testing
- Malware Attack Testing
- DDoS Attack Testing
- Cyber Range

In 2018, collaboration with NSB and equipment procurement.



Times Sync Test Solution

- IEEE1588 和 SYNC-E G.8262 Testing
- 5G Enhanced Time Compliance Testing
- PTP (1588) Time Error Precision Measurement
- SyncE Jitter and Wander Testing



Wireless Network Testing and Verification

- 4G/5G RAN/Core Testing
- Channel Emulator
- Wi-Fi Test



Market/ Customer Collaboration

Telecom Market :

CHT : ● 4G LTE PacketCore Testing
● 4G LTE MEC Testing
● WiFi Testing
● 5G NSA Testing
● Network Performance Testing
● Protocol Testing(Routing/SDN/EVPN)

FET : ● DNS Performance Testing
● 4G LTE RAN Testing
● 4G PacketCore Testing

NEMs Market :

DNI : ● Hight-Speed Ethernet Testing(800G)
● Times Sync Testing

RTK : ● Hight-Speed Ethernet Testing(100G)

Wistron : ● Hight-Speed Ether Testing(400G)
● Times Sync Testing

MTK : ● Hight-Speed Ethernet Testing(400G)
● Times Sync Testing



Government Market:

NCSIST : ● CyberSecurity Testing

ITRI : ● Network Performance Testing
● Routing Protocol Testing
● Times Sync Test Solution

NSB: ● CyberSecurity / Network Visibility Analysis

Tai-Power : ● 5G NSA Testing
● Times Sync Testing

TTC : ● CyberSecurity

Enterprise:

CHTS : ● CyberSecurity

HP: ● Network Performance Testing
● Times Sync Test Solution

INTEL: ● CyberSecurity
● Network Performance Testing

Trend Micro : ● CyberSecurity
● Application Traffic Model Traffic

Adnetwork Product Line



Viavi :

- O-RAN 4G/5G Test , Fiber Monitoring , Radio Testing Solution



Calnex :

- ITU G.8262 and IEEE1588v2 Time and Frequency accuracy testing solution



GL Communication :

- E1,T1,DS3,OC3 Protocol analysis and emulation with HDLC, CAS, ISDN, SS7, GSM, GPRS, CDMA



Adnetwork Product Line



Breaking Point System :

- Real World Application and Security testing
- LTE Network security performance and testing



Ixia IxLoad LTE Solution :

- LTE RAN Solution

eNodeB 與無限基地網路效能評估與測試方案

- LTE Core Solution

5G核心網路與VoLTE 系統測試方案



Adnetwork Product Line

The logo for IxVeriWave, featuring the word "Ix" in red and "VeriWave" in black.

IxVeriwave :

- WIFI 802.11ABGN performance testing
- 802.11AX Gigabits Ethernet Level WIFI testing
- DFS : Difference Frequency Selection for FCC Japan and Korea
- Application layer and Triple Play WIFI Performance testing

NETWORK VISIBILITY SOLUTIONS :

- Ixia NVS

網路流量匯聚，過濾，重複數據刪除和負載均衡系統

- Ixia GTP Session Controller

幫助Mobile Operator優化的重要的網路監控解決方案的性能，數據流量和會話計數增加。在GSC7433提供了檢測故障或過載監控Probe，並提供重新分配負載到其他分析平台中的能力



Adnetwork Product Line



Net Optics :

- Ethernet and Fiber Tap monitoring solution and By-Pass Switch system



Endace Emulex :

- 高效能網路及大數據應用服務監控管理平台，高效能網路流Net Flow分析平台



Procera :

- 提供三大主要解決方案, 大數據資料深度分析統計解決方案幫助 Mobile Operator優化的重要的網路監控解決方案的性能，Radio Network 使用者訊號分析數據處理系統。數據網路視屏數據分析系統

