EndaceProbe as a platform for engineering teams
Introducing the EndaceProbe Analytics Platform

Record
• 100% accurate packet history

Host
• Commercial, open-source or custom analytics applications in Application Dock™

Investigate
• Analyze traffic to nanosecond level with EndaceVision™, EndacePackets™

Integrate
• Powerful API for data-mining, workflow

Scale
• EndaceFabric: enables centralized management, centralized search/data-mining
Hosting and Integration

Host analytics tools

Stream for real-time analysis

Record at 100% line-rate zero packet loss

Playback for historical analysis

Integrate with your tools

API

Custom Application
Developing for Application Dock
What is DockOS?

A Centos Linux-based VM Image for Application Dock
  • Deploy in Application Dock on EndaceProbes

Leverage standard DAG API for app portability

High-speed I/O options
  • DAG-enabled libpcap library for libpcap applications
  • VDAG high-speed I/O for DAG-enabled applications

Leverage EndaceProbe APIs for workflow/automation
  • Pivot-to-Vision, Pivot-to-Packets

Preinstalled open-source and Endace tools
  • SNORT, Bro IDS, Suricata, Wireshark and tshark, Sysdump sanitizer, Trafstat
Why build on EndaceProbe?

Compliance
- Accurate trade data archival
- Provenance for MiFID II RTS-25

Monitoring
- Market Feeds
- Network Performance
- Application Performance

Testing
- Playback traffic to hosted or external applications
  - e.g. load testing, Algo tuning, network testing

Application portability
- Develop for DAG and Application Dock with the same API

Agile Deployment
- Deploy / update custom apps without hardware changes or reconfiguration
The Fusion Program

An Ecosystem of leading analytics vendors and open-source projects

- Enables customers to choose their preferred applications
- Enables partners to reach new markets