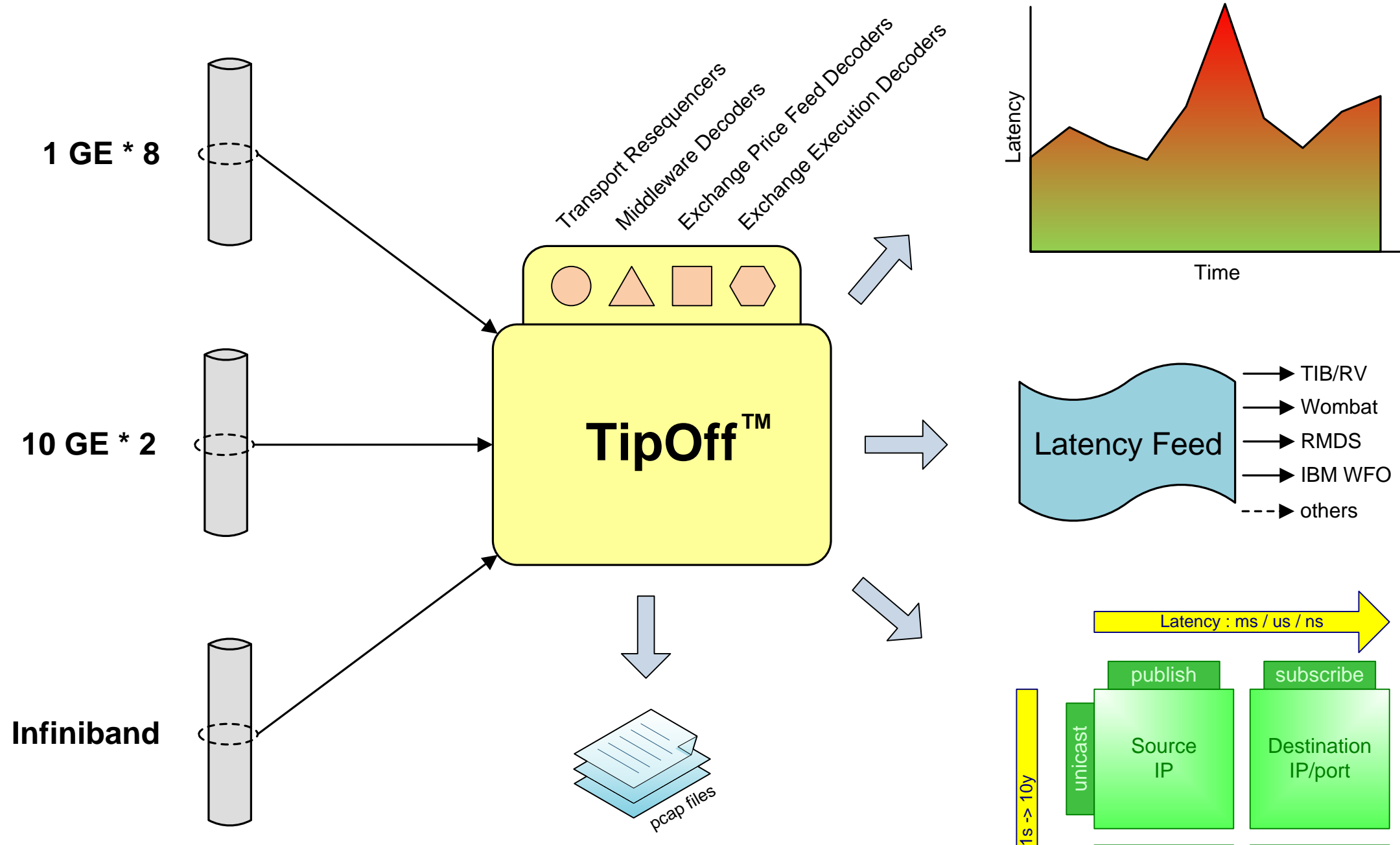


# TipOff™

## Real Time Middleware Analysis Appliance



### Latency Monitoring

- Passive / non-invasive
- Infrastructure latency
- Differential exchange latency
- Order & trade privacy latency
- The "TipOff™ Latency Feed"

### The TipOff™ Latency Feed

- Real time latency data publication
- Enables latency arbitrage
- Better informed trading applications
- Trading profit enhancement
- Supports latency based SLAs

### Middleware Analysis

- Passive / non-invasive
- Multidimensional analysis
- Trend & capacity analysis
- Application behaviour validation
- Forensics & troubleshooting
- Retransmission analysis
- Microburst detection
- Latency root cause analysis

### Wire Speed Packet Capture

- Guaranteed zero loss
- Up to 10 GBit/s, 14.8 M packets/s
- Hardware accelerated compression
- Retrospective analysis & replay