



# FlowAggregator™

## Scalable flow monitoring

DATASHEET

### Features & Benefits

- » *Real-time network flow monitoring and historical analysis*
- » *Supports various NetFlow versions (v5, v7, v9), IPFIX flow format and other flow types (NetStream, J-Flow, etc.)*
- » *Unique unified flow-based solution for fast actionable insight*
- » *In-depth analysis, fast retrieval, real-time monitoring and troubleshooting*
- » *Flexible ad-hoc and scheduled reporting for both real-time operations and strategic decision making*
- » *Plug-and-play device with minimal training and no network downtime*

### Challenge

NIKSUN® FlowAggregator is an advanced flow data collector that incorporates NetFlow and other flow data types into the NIKSUN Network Knowledge Warehouse (NKW) for powerful and reliable performance monitoring, network traffic accounting, usage-based network planning, forensics and reporting. FlowAggregator aggregates and stores NetFlow, J-Flow, NetStream, and other supported flow data from routers and switches in the network and correlates them with network information in the NKW (SNMP, packets, service, and application data) to produce meaningful information. With correlated analysis, anomalies are better understood, resulting in quicker restoration of business processes and assets. Leveraging flow and packet-based data reports provides administrators with insight into network characteristics such as users, applications, peak usage times, QoS levels, IP conversations, and traffic routing.

FlowAggregator alerts on performance and security issues via anomaly detection. It can simultaneously monitor various NetFlow versions (v5, v7, v9), traffic in IPFIX flow format and other flow types (NetStream, J-Flow, etc.) at extremely high speeds supporting hundreds of thousands of flows per second. It can store flow data for days, months or even years, streamlining the process of post-event analysis, capacity management, network optimization and resource planning. FlowAggregator is a cost-effective alternative in achieving maximum visibility into the network by monitoring and analyzing non-strategic links. It interoperates seamlessly with NIKSUN's NetOmni™ Suite and additionally leverages the NIKSUN Network Knowledge Warehouse for a contextual perspective of application performance, service delivery impediments, network integrity, and security breaches.

### Technical Information

**Flow Versions/Types Supported:** NetFlow (v5, v7, v9), IPFIX, NetStream and J-Flow

**Form Factors:** 1U & 2U

**Integration:** Authentication - TACACS+, RADIUS, LDAP and Active Directory. All NIKSUN products integrate with NIKSUN NetOmni Full Suite for enterprise-wide data aggregation, reporting and visualization.

Interested in learning more?

For more information, please visit us online at [niksun.com](http://niksun.com).

About NIKSUN, Inc. NIKSUN is the recognized worldwide leader in making the Unknown Known. The company develops a highly scalable array of real time and forensics-based cyber security and performance management solutions for large enterprises, government & intelligence agencies, service providers and financial services companies. NIKSUN's award winning enterprise solutions deliver unprecedented flexibility and packet capture power. The company's patented real-time analysis and recording technology is the industry's most comprehensive solution for secure and reliable network infrastructure and services. NIKSUN, headquartered in Princeton, New Jersey, has sales offices and distributors throughout the US, Europe, the Mid East and Asia-Pacific. For more information, please visit [www.niksun.com](http://www.niksun.com).

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