

Version 5.4.0 [17-12-2025]
- Improve Traffic Flow Analysis performance;
- Improve MOS estimation on the VoIP dashboard;
- Improve user management by showing an error for duplicate user details;
- Update the base system components and dependencies;
- Update SSH server package and dependencies;
- Update ZeroTier to version 1.14.2.

Version 5.3.1 [27-10-2025]
- Fix IOTA CM connection issue.

Version 5.3.0 [19-09-2025]
- Add support for AAA authentication using Profitap Supervisor;
- Add BTRFS crash mitigation;
- Improve temperature controls;
- Improve Bandwidth Analysis to allow larger queue import;
- Improve metadata database performance;
- Fix load balancing when advanced traffic analysis is disabled.

Version 5.2.3 [14-07-2025]
- Add automatic cleanup of capture data SSD (IOTA 10 CORE);
- Add mitigations for known CVEs;
- Improve file indexing robustness and performance;
- Improve data vault file analysis capacity to allow 100k files per operation;
- Improve data vault file download and export capacity to support 40320 files per operation;
- Improve dashboards by unifying datetime formats;
- Improve file importing to allow pcap with large number of interface blocks;
- Fix issue where data vault would not display more than 300 pages;
- Fix possible time shift in dashboards when device timezone is not UTC;
- Fix management interface configuration issue when DHCP server provides no default gateway;
- Fix management interface configuration retention when DNS server is not set;
- Disable SSH service.

Version 5.2.2 [15-10-2024]
- Add capture full frames option to capture preamble and SFD (IOTA EDGE);
- Add "IP" field filter that applies to source/destination and accepts address ranges;
- Improve Traffic Flow Analyzer hostname resolution performance;
- Improve file import robustness;
- Improve various dashboards;
- Fix Terrapin (CVE-2023-48795) vulnerability.

Version 5.2.1 [08-08-2024]
- Improve local CLI login prompt timeout;
- Fix jumbo frame capture on IOTA 10 CORE.

Version 5.2.0 [01-08-2024]
- Add SSH Recovery CLI;
- Add TRIP support;
- Improve traffic analysis reliability;
- Improve HTTP/2 support in HTTP Overview dashboard;
- Improve Flow Details dashboard performance;
- Fix GUI error for failed login;
- Fix PCAPNG download limitation;
- Deprecate Dashboard Browse section in favour of navigation button.

Version 5.1.3 [12-06-2024]
- Update Traffic Flow Analyzer GeoIP database;
- Improve Traffic Flow Analyzer performance;
- Improve various dashboards.

Version 5.1.2 [13-05-2024]
- Add IOTA EDGE 10G interface firmware 0.2.3.47-320;
- Fix IOTA 10 CORE static IP assignment;
- Fix IOTA 10 CORE management port configuration migration from 5.0.0.

Version 5.1.1 [04-04-2024]
- Improve capture performance on IOTA 10 CORE;
- Improve capture timestamp accuracy on IOTA 10 CORE;
- Improve consistency of capture interface counters on IOTA 10 CORE;
- Fix minor issues in several dashboards.

Version 5.1.0 [13-03-2024]
- Add capture session name functionality to IOTA EDGE;
- Add support for exporting non-TCP/UDP traffic using flow-specific filter;
- Improve capture performance on IOTA CORE;
- Improve SIP/RTP detection on IOTA CORE;
- Improve management port configuration handling;
- Update included IOTA EDGE 10G capture interface firmware;
- Update internal ZeroTier client;
- Fix timezone support on Bandwidth/Microburst dashboards;
- Fix firewall setting on IOTA CORE which could break access in some cases.

Version 5.0.1 [23-01-2024]
- Add bandwidth and packet rate statistics for each interface;
- Add configuration options for second management interface;
- Improve traffic capture robustness;
- Improve VoIP flow correlation.

Version 5.0.0 [30-10-2023]
- Support IOTA 10 CORE;
- Improve traffic analysis performance;
- Improve storage separating traffic capture and metadata;

Version 4.0.0 [21-11-2023]
- Add support for IOTA CM;

Version 3.1.2 [03-11-2023]
- Update included 10G capture interface firmware;
- Improve hostname resolution performance in Traffic Flow Analyzer.

Version 3.1.1 [13-09-2023]
- Update included 1G capture interface firmware;
- Fix Application Overview dashboard map color coding;
- Fix Modbus Overview dashboard server and client tables;
- Fix DNS Overview dashboard flows download button.

Version 3.1.0 [02-08-2023]
- Improve factory reset procedure to use the latest installed version;
- Fix case where factory reset is initiated while time is set before 2019.

Version 3.0.5 [10-07-2023]
- Add option to enable Packet Reordering for Traffic Flow Analysis;
- Add support for importing pcap capture files;
- Add support for importing capture files with different time resolution;
- Add packet reordering for imported capture files;
- Improve PCAPNG methods based hostname resolution for Traffic Flow Analysis;
- Improve shutdown / restart speed;
- Fix GeoIP location display in Host Details dashboard;
- Fix minor issues across various dashboards.

Version 3.0.4 [08-05-2023]
- Add option to push NTP time to capture interface (IOTA+ models);
- Update included capture interface firmware versions;
- Improve Traffic Flow Analyzer TCP retransmission analysis;
- Improve DNS Overview and TCP Analysis dashboards;
- Improve Traffic Flow Analyzer error logging.

Version 3.0.3 [20-04-2023]
- Fix update process to preserve ZeroTier node ID;
- Fix issue blocking access to users with viewer/editor access level.

Version 3.0.2 [05-04-2023]
- Add TCP Handshake options to TCP Analysis dashboard;
- Add Zero Window Duration to TCP Analysis dashboard;
- Add DNS response time and status to DNS Overview dashboard;
- Add option to disable physical button;
- Improve packet header recognition for complex tunneled traffic;
- Improve GUI to allow changing certain settings during active capture session;
- Improve license expiration notification;
- Improve system boot speed;
- Fix IPv6 flow export.

Version 3.0.1 [07-03-2023]
- Improve Traffic Flow Analysis robustness and reliability
- Improve Interface Configuration GUI
- Fix rare issue in Traffic Flow Analysis name resolution

Version 3.0.0 [23-02-2023]
- Redesign IOTA GUI to use new metadata engine;
- Redesign the default dashboard to include a graphical flow diagram of network nodes;
- Redesign VoIP dashboard to provide complete correlation between VoIP control and data traffic;
- Add VMEAS support for traffic analysis;
- Add DNS and NetBIOS based hostname resolution in traffic analysis;
- Add independent PCAPNG import analysis queue;
- Add Analysis Sessions dashboard to help navigate between session time ranges;
- Add Application Overview dashboard with payload and latency based visualization;
- Add Local Assets dashboard displaying nodes within local subnets;
- Add MOS calculation for VoIP traffic;
- Add support for OR filtering on dashboard and exported PCAPNG;
- Add Host Details dashboard with host-specific metrics;
- Add Flow Details dashboard with flow-specific metrics;
- Improve HTTP dashboard to display user agent information;
- Improve DNS Overview dashboard with correlation between DNS queries and related traffic;
- Improve SSL/TLS Overview dashboard to evaluate SSL/TLS server configuration;
- Improve TCP Analysis to include traffic flow characterization;
- Improve DNS Overview analysis to detect VLAN tags and MPLS labels inside tunneled traffic;
- Improve PCAPNG export function to preserve original interface names;
- Hardening device HTTPS configuration;
- Fix automatic cleanup for files with special characters;
- Fix VLAN tag filtering for MAC-in-MAC traffic.

Version 2.3.3 [18-08-2022]
- Add support for filtering tunnel traffic when exporting pcap files;
- Improve SIP/SDP media format detection;
- Fix issue with log files resizing;
- Update internal ZeroTier client.

Version 2.3.2 [29-06-2022]
- Add option to disable use of VLAN/MPLS tags in flow correlation;
- Add support for RTP correlation in VoIP flows;
- Add SIP/SDP media format detection;
- Fix application bandwidth measurements;
- Update internal ZeroTier client.

Version 2.3.1 [24-05-2022]
- Add option to disable advanced traffic analysis to improve performance;
- Add Cisco SGT header support to Traffic Flow Analysis;
- Improve reliability of bandwidth and microburst analysis;
- Improve GUI by displaying device hostname in page title;
- Improve accuracy of TCP zero window statistics by excluding RST packets;
- Fix RTT measurement for flows with partial handshake;
- Update internal ZeroTier client.

Version 2.3.0 [14-04-2022]
- Add VoIP support to Traffic Flow Analysis and visualizations dashboards;
- Add TLS support to Traffic Flow Analysis and relative overview dashboard;
- Add Modbus support to Traffic Flow Analysis and dashboard;
- Add tooltips to Capture Control;
- Improve reliability of TCP Troubleshoot dashboard;
- Improve usability of Capture Control GUI;
- Fix traffic analysis for capture files from Data Vault.

Version 2.2.3 [17-02-2022]
- Improve microburst analysis for 10M/100M traffic;
- Improve capture interface configuration logic;
- Fix PCAP download (on export) from dashboard view with large timespan.

Version 2.2.2 [26-01-2022]
- Add ZeroTier Node ID to GUI;
- Add more source and priority options for remote syslog;
- Improve Traffic Flow Analysis to support ping (IEEE 802.1ad);
- Improve Bandwidth, and Microburst dashboard loading speed;
- Update IOTA firmware signature key for future updates;
- Fix rare case of Traffic Flow Analyzer hanging;
- Fix Data vault Analyze button.

Version 2.2.1 [21-12-2021]
- Improve Import a PCAP-NG GUI to display upload progress;
- Improve Scheduled Cleanup to allow minimum data age of 6 hours;
- Improve Bandwidth Analyzer queue processing reliability;
- Improve various GUI elements in settings;
- Update Elasticsearch and mitigate log4j vulnerability;
- Fix Firewall configuration to block traffic from port 53.

Version 2.2.0 [07-12-2021]
- Add accurate Bandwidth Analyzer;
- Add new Microburst and Bandwidth dashboards;
- Add Capture Files FTP/MBDAV Exporter;
- Add user notification when maintenance period is expiring;
- Add user auditing logs for all configuration changes;
- Fix missing timestamp index for captured files.

Version 2.1.2 [18-11-2021]
- Fix firmware update when device is blocked by firewall;
- Fix setting changes for Advanced Timestamp source.

Version 2.1.1 [11-11-2021]
- Add license masking in GUI;
- Fix Downloading of Imported PCAP traffic from Dashboards;

Version 2.1.0 [27-10-2021]
- Add Scheduled Cleanup options;
- Add option to control automatic metadata cleanup;
- Add capture traffic filtering options for IOTA 10G and IOTA 10G+;
- Add CRC error packets counter to interface statistics;
- Add option to set capture interface time from GPS (IOTA+ models only);
- Improve complete metadata index cleanup;
- Improve file selection in the Data Vault;
- Update internal ZeroTier client to last version.
- Fix downloading PCAP from the dashboard;
- Fix rare capture start issue.

Version 2.0.3 [28-09-2021]
- Add support for recovering from corrupt interface firmware;
- Improve Traffic Analyzer for capture files with different 'snaps';
- Improve UI elements of 10G port labels and interface names in dropdown list;
- Improve DNS dashboard;
- Fix remote syslog configuration;
- Fix capture state during interface update;

Version 2.0.2 [19-08-2021]
- Add support for remote syslog;
- Add DNS dashboard;
- Update capture file size limit to 10GB;
- Fix occasional visual issue with dashboards legends;
- Fix Host dashboards geolocation data;

Version 2.0.1 [15-07-2021]
- Fix GUI access issue when standard dashboards names are changed.

Version 2.0.0 [13-07-2021]
- Redesign Capture interface to separate traffic storage from analysis;
- Redesign Reseal;
- Enable Importing PCAPNG files to traffic analyser queue
- Add 802.1x network support;
- Improve license service reliability;
- Fix issue with missing files in the index.

Version 1.7.4 [11-05-2021]
- Update internal ZeroTier client to last version.

Version 1.7.3 [23-04-2021]
- Fix internal services error breaking user access;

Version 1.7.2 [12-04-2021]
- Fix PCAP file download without internet access;
- Fix stalled firmware update;
- Fix corrupted PCAP file timestamp;

Version 1.7.1 [01-03-2021]
- Fix automatic capture files cleanup process;
- Fix fan control levels for IOTA 1G/10G boards;

Version 1.7.0 [22-12-2020]
- Add support for IOTA 1G and IOTA 10G+;
- Add GUI control for device factory reset;
- Add Fan control based on device temperature;
- Fix Time setting GUI;

Version 1.6.6 [19-11-2020]
- Improve IOTA 10G filtering UI;
- Fix automatic ring buffer capture disk management;
- Fix wipe of captures folders to include also imported PCAPS;
- Fix network configuration interface;
- Fix indexing of empty capture files.

Version 1.6.5 [22-06-2020]
- Improve Sentinel reliability;

Version 1.6.4 [29-05-2020]
- Improve GUI for capture interface firmware update;
- Improve GUI shutdown process;
- Restrict capture import to PCAPNG files;
- Extend hardware support.

Version 1.6.3 [14-04-2020]
- Set capture parameters to 30 seconds and 4GB file size maximum;
- Improve system update GUI;
- Fix export PCAP with DNS filtering.

Version 1.6.2 [01-04-2020]
- Set capture parameters to 60 seconds and 4GB file size maximum;
- Improve stability of internal services;
- Fix minor GUI issues;

Version 1.6.1 [26-03-2020]
- Improve Flow and Server Latency Dashboards;
- Fix login error;
- Fix capture interface firmware update GUI;
- Fix file extract for imported PCAP.

Version 1.6.0 [20-02-2020]
- Add NTP server configuration GUI;
- Add support for automatic capture restart on system boot;
- Add Bandwidth and Flow Explorer dashboards;
- Improve performance of PCAP filtering and Download;
- Improve IOTA configuration GUI;
- Fix datasource proxy;
- Fix capture configuration persistence;
- Fix capture interface status and configuration swap.

Version 1.5.0 [14-01-2020]
- Add automatic disk cleanup when available space drops below 20%;
- Add interface to import or recreate HTTPS certificate;
- Improve ZeroTier configuration interface;
- Fix user password lost during update;
- Fix PCAP file download after capture wipe;
- Fix PCAP file import error.

Version 1.4.6 [22-11-2019]
- Set Dashboard standard time range to 3 hours;
- Fix Dashboard filters;
- Fix Dashboard reset and import.

Version 1.4.5 [20-11-2019]
- Fixed occasional DNS errors in the logs.
- OPAL-based disk encryption
- Fixed allowing/blocking internal/external access;
- Static IP fallback support;
- Upgraded ZeroTier to version 1.4.6;
- Add packet type hardware filtering interface for IOTA 10G;
- Add disk wipe control.

Version 1.3.8 [04-10-2019]
- Fix Login error on device after long capture;
- Enable again slicing for IOTA 10G;

Version 1.3.7 [02-10-2019]
- Fixed flows recognition and indexing;
- Fixed capture files indexing.

Version 1.3.4 [19-09-2019]
- Fixed issue with the data partition on 1TB SSDs.

Version 1.3.2 [10-09-2019]
- Removed the 5% reserved space on the data partition.
- Downloading the log files is now faster;
- Save settings/data to restore them after the update
- Added version number in the update panel
- Fixed port 808 inversion on IOTA 1G
- Included IOTA 3G and IOTA 10G interface firmware

Version 1.2.3 [21-08-2019]
- Fixed issue with the device getting stuck at boot and asking for the password for mounting the swap partition.
- Fixed the network reset breaking the UI.
- Fixed the version check with versions that have multiple digits.

Version 1.1.10 [14-08-2019]
- Fixed issue with the system wipe only erasing the system partition.
- Fixed issue with the system wipe continuously getting re-executed after consecutive reboots.
- Fixed issue with the logs getting corrupted with non-ascii characters preventing them from being read.
- Holding the button for 10 seconds was initiating a factory reset instead of a shutdown.

Version 1.1.4 [12-08-2019]
- Fixed the device taking two or more IP4Cs.
- Reduced the time it takes to do a system wipe.
- Fixed issue with changing the ZeroTier configuration.
- Holding the button for 10 seconds now shuts down the device.
- Fixed issue with updating using a firmware file.

Version 1.0.1 [29-07-2019]
- Fixed the leds turning off while booting.
- Improved the installation process.

Version 1.0.0 [22-07-2019]
- Initial release