Roadmap

This roadmap lists only major new features planned for Unimus, each release contains many more features than those just listed here.
For a full list of all features release in individual releases, please see the changelog.

Timeline	Feature	Status
	Global search (search for any string, see any of its occurrences across the entire system) Devices / backups / comments (in any part of Unimus), etc.	
	In-application notification system (will replace current job history views on the Dashboard)	
	HTTP and HTTPS connectors (support for IP phones and IP cameras / CCTV)	
	Support for new importers (NMS sync) Sonar, Nagios, ConnectWise (CWA), etc.	
	Adjust UI session timeout directly in the UI Currently only available as config option, will be exposed in "Advanced settings"	
Q4 2024	Advanced device information collection during Discovery (SN, firmware version, automatic description from hostname or identity, etc.)	
	Config Push - Export / Send results (ability to export / send Push results as YAML or HTML docs)	
	Config Push - show output for individual devices In addition to seeing group output, you will be able to see direct output of each device within a group	
	In-application notifications (popups) improvements Introduce a popup list instead of piling notifications on top of each other	
	Improvements to last job logs on the Dashboard Better navigation and visibility into job reports, better filtering	
Q3 2024	Notification system rework Ability for multiple notification senders, multiple destinations, better configurability	
	Device Config Changelog A new screen where you can see all recent device config changes (diffs from backups), sorted by date	
	Config Push - built-in variables In addition to user-defined Device Variables, Unimus will offer device information as built-in variables	In design (2.7.0)
	Support for PostgreSQL 12+ Separation of "legacy" Postgre driver, creation of new Postgre driver	
	Separation of MySQL and MariaDB drivers	
Q2 2024	2.5.0 major release Custom backup flows, rework of Device Access policies, improvements for Device Access limitation, account creation on 1st successful login with external AAA, and more...	In Beta release (2.5.0-Beta2)
	2.4.x minor feature & bugfix release (2.4.3) Bug fixes and new device drivers	Released
	NetBox Importer - new NMS Sync connector (adopt devices from NetBox into Unimus)	In Beta release (2.5.0-Beta2)
	MFA support for logging in to Unimus New MFA settings in the new "My Account" screen	In design (2.6.0)
	New "My Account" screen for individual users in Unimus Ability for users to set their own account-specific settings	In design (2.6.0)
Q1 2024	Support for MariaDB 11+	Released (2.4.2)
	2.4.x minor feature & bugfix release (2.4.1 & 2.4.2) Bug fixes and new device drivers	Released

Q4 2023	Custom backup flows Ability to specify custom command sequences which should be performed on devices during Backup	In development (2.5.0)
	SSH session handling improvements Improved login banner recognition logic, support for devices which don't respond to "none" SSH auth method	Released (2.4.0)
	Improvements to Zabbix and LibreNMS connectors Import from Zabbix by device Templates and Tags, Field priorities for LibreNMS import configuration	Released (2.4.0)
Q3 2023	NMS Sync - rewrite of sync algorithm Full re-implementation of NMS Sync, full info on our Blog	Released (2.4.0)
	New Config Push behavior modifiers and functions (updates to current behavior modifiers, adding new modifiers)	Released (2.4.0)
Q2 2023	NMS Sync - improved handling for deleted devices Options to delete or unmanage devices in Unimus if deleted in NMS	Released (2.4.0)
	AAA & User Management improvements Account creation on 1st successful login with external AAA, Default Device Access policy	In Beta release (2.5.0-Beta2)
Q1 2023	"Device CLI" directly in Unimus A full terminal emulator in Unimus' UI, allowing you to open a CLI session to your device directly in Unimus	In development (2.6.0)
	AAA & User Management improvements Rework of Device Access policies, improvements for Device Access limitation	In Beta release (2.5.0-Beta2)
	2.3.x minor feature & bugfix release (2.3.2 & 2.3.3) See related Changelog entries for more details	Released
Q4 2022	Full offline mode for Unimus (air-gapped networks) Support for offline licensing with Unlimited licenses	Released (2.3.0)
	LDAP AAA support	Released (2.3.0)
Q3 2022	MSSQL support	Released (2.3.0)
	Config Push - support for variables (per-device variables in Config Push presets)	Released (2.2.0)
	Ongoing development on APIv3. (more details: https://forum.unimus.net/viewtopic.php?f=4&t=1347)	
	New security hub https://security.netcore.software	Complete
Q2 2022	Penetration Testing report Results will be published publicly on our Blog	Published
	2.2.x minor feature & bugfix release (2.2.3) See related Changelog entries for more details	Released
	Performance improvements We are continuing to tune performance in large-scale deploys	Released (2.2.3)
	Security improvements Fixes as per recommendations from the penetration testing cycle	Released (2.2.3)
Q1 2022	New SSH client library Vastly improved SSH crypto algo support, support for more SSH key types and formats	Released (2.2.3)
	2.2.x bugfix releases (2.2.1-2.2.2 released) See related Changelog entries for more details	Released
	Penetration Testing cycle Full pentest of Unimus - results will be published publicly on our Blog	Complete
	Unimus security audit Internal audit of the Unimus codebase in preparation for pentest	Complete

Q4 2021	Performance improvements (target - support 100.000 devices in a single Unimus instance)	Released (2.2.0)
	NetBox plugin for Unimus **(native Unimus plugin in NetBox, allowing to view data from Unimus in NetBox and to run jobs from NetBox)**	On hold
	2.1.x bugfix releases (2.1.3 - 2.1.4 released) See related Changelog entries for more details	Released
	Ongoing development on APIv3, see below.	Released (2.2.0)
Q3 2021	API v3 - initial endpoint groups (more details: https://forum.unimus.net/viewtopic.php?f=4&t=1347)	Released (2.2.0)
	Backup Exporter (to server FS or GIT) - https://github.com/netcore-jsa/unimus-backup-exporter (export devices backups to server file system or a GIT repo)	Released
	Support for additional device auth (login) options (username-only, password-only)	Released (2.1.1)
	2.1.x bugfix releases (2.1.1 - 2.1.2 released) See related Changelog entries for more details	Released
Q2 2021	**Bug Bounty program for Security Issues** **(official Bug Bounty program with a budget for payouts)**	In progress
	Config Search - Export / Send results (ability to export / send Search results as YAML or HTML docs)	Released (2.3.0)
	Config Push - advanced settings (override credentials used for push, override timeouts, etc.)	Released (2.1.0)
	Update to latest LTS version of frontend framework	Released (2.1.0)
Q1 2021	Security updates and improvements (security audit of Unimus code-base, updates to latest versions for all libraries / dependencies)	Complete
	Config Push - Tag as a Push target (will push to all devices tagged with Tag / Tags)	Released (2.0.11)
	Config Push - Universal Search (search for device / description / text in outputs, etc.)	Released (2.0.11)
	Rewrite of the "Importer" / "NMS Sync" system to add support for Zones (related to full support for "Remote network support (remote proxy / remote agent)" by Importers / NMS Syncers)	Released (2.1.0)
	2.0.x bugfix releases (2.0.10-2.0.13 released) See related Changelog entries for more details	Released
Q4 2020	NetXMS Agent as a proxy for remote Zones (ability to use either Unimus Core or the NetXMS Agent as a local poller)	Released (2.1.0)
	Backup filters - you can ignore any part of a backup (user-defined rules to remove or ignore parts of backups)	Released (2.1.0)
	Update to latest LTS version of backend framework	Released (2.1.0)
	2.0.x bugfix releases (2.0.8 - 2.0.9 released) See related Changelog entries for more details	Released
Q3 2020	Updates to internal processes, and cleanup after the 2.0.0 development cycle	Complete
	2.0.x bugfix releases (2.0.5 - 2.0.7 released) See related Changelog entries for more details	Released
	LibreNMS importer (NMS sync)	Released (2.0.5)
Q2 2020	2.0.x hotfix and bugfix releases (2.0.1 - 2.0.4 released) See related Changelog entries for more details	Released

	Unimus 2.0.0 Stable release (Unimus & Unimus Core, all features from Q3 2019 - Q2 2020)		Released
Q1 2020	Observium importer (NMS sync)		Released (2.0.0)
	PRTG importer (NMS sync)		Released (2.0.0)
	Improvements to runtime data filtering in backups Dynamic backup data filters will only filter actual dynamic data, no longer filtering whole lines		Released (2.0.0)
Q4 2019	Config Push scheduling Adds support for scheduling to Mass Config Push		Released (2.0.0)
	Remote network support (remote proxy / remote agent) Multiple remote proxies/agents can be configured and managed from a single central Unimus server		Released (2.0.0)
	Config change notifications in Slack Send a diff to Slack any time a config change is detected		Released (2.0.0)
	"Export Backups" functionality Easy way to export backups - latest backup for all devices, or all backups for all devices		Released (2.0.0)
	Support for cron expressions for the scheduler		Released (2.0.0)
Q3 2019	Backup Push into Unimus Support for pushing devices backups into Unimus from external systems through the Unimus API		Released (2.0.0)
	Improvements to "Network Scan" Added ability to scan by address range, added ability to exclude addresses or ranges or subnets		Released (1.10.4)
	Easy password recovery when login credentials lost (a password reset token generated into the server log file which can be used to reset passwords)		Released (1.10.4)
	"New version available" notifications Unimus checks for newer versions, and notifies on the Dashboard when a new version is available.		Released (1.10.3)
Q2 2019	Large amount of work on modularization of the Unimus code-base, work on back-end and internal infrastructure. All this is in relation to developing the "Remote network support (remote proxy / remote agent)" feature. This turned out to be much more complex than anticipated, and took a large amount of work, time, and many sleepless nights. Now finished, and actual "Remote network support (remote proxy / remote agent)" feature is now under development.		Complete
	New Unimus Portal release		Released
Q1 2019	Performance improvements to Config Search (inverse search with 1000+ devices in system takes very long)		Released (1.10.0)
	Diff improvements (highlight changed words in line, perf. improvements for large diffs)		Released (1.10.0)
	Dark theme (Portal and Unimus)		Released (1.10.0)
	MFA (dual-factor) support for Unimus Customer Portal		Released
	New Unimus Portal release		Released
Q4 2018	Strip sensitive data (password hashes, OSPF PSKs, etc.) from backups before storing		Released (1.9.0)
	Update to Device Tags Easier device grouping using tags, revamp user access limitation, new Tag Management screen		Released (1.9.0)
	Improvements to Device Access limitations (introduce device ownership, add a way to see which users have access to a device, etc.)		Released (1.9.0)
	New Unimus Portal release		Released

Q3 2018	Powercode importer (NMS sync)	Released (1.8.3)
	Mass Config Push - usability improvements (re-run on output group, set target from output group, etc.)	Released (1.8.3)
	Mass Config Push and Network Scan - preset cloning	Released (1.8.3)
	Change notifications - graphical diff in email (for each device with a config change, an email with a graphical diff would be sent)	Released (1.8.2)
	New Unimus Portal release	Released
Q2 2018	Manage / Unmanage device (you can "retire" devices, but keep them in Unimus)	Released (1.8.2)
	When a change in config is detected, email a diff to user(s)	Released (1.8.0)
	Multi-device Edit	Released (1.8.0)
	"Send command / push config" - ability to send one or multiple commands to devices (select one/more devices, send one/more commands to them)	Released (1.7.0)
Q1 2018	New Unimus Portal release	Released
	'enable' passwords separate from user password	Released (1.7.0)
	Subnet scanning (device discovery)	Released (1.7.0)
	Credential to device binding (option to assign exact credentials to device)	Released (1.7.0)
	Save only unique backups (do not store config if the current config is the same as already stored config)	Released (1.6.0)
Q4 2017	REST API	Released (1.5.0)
	User privilege system (account access roles)	Released (1.4.0)
	Comments / notes for backups	Released (1.3.0)
	Search in device configs (search for any string in configs, see where it is present)	Released (1.2.0)
	Show only changed lines in diff view	Released (1.1.0)
	Multi-device diff (diff configs between devices)	Released (1.1.0)
Q3 2017	Official 1.0.0 release	Released
	New Unimus Portal release	Released
	Backup retention settings	Released (1.0.0)
	Download / send multiple backups at once	Released (1.0.0)
Q2 2017	SSH key support	Released (0.3.3)
	PostgreSQL support	Released (0.3.2)

	Send backup (email, Slack, etc.)	Released (0.3.2)
Q1 2017	Telnet support	Released (0.3.0)
	Automatic DB upgrade with new versions	Released (0.3.0)
	Unimus Starter (check app component health on startup, helps with common startup issues)	Released (0.3.0)
	Notifications (notify on failed / successful job run)	Released (0.3.0)