



Payments.iQ NG Release history



JSC Penkių kontinentų bankinės technologijos
2, Kareivių str., LT-08248, Vilnius, Lithuania
Tel.: +370 5 266 45 95
info@bs2.lt, www.bs2.lt

Penki Kontinentai Group
2, Kareivių str., LT-08248, Vilnius, Lithuania
Tel.: +370 5 266 45 01
info@5ci.lt, www.5ci.lt

Payments.iQ New Generation

Date	Version	Main functionality
January 2026	1.14	<p>Transaction Log</p> <ul style="list-style-type: none"> Implemented a unified status model (Unified Statuses) for all system components, simplifying analysis and support. Enhanced Retry Payment functionality: <ul style="list-style-type: none"> Payment retry is now available for multiple transactions simultaneously. Improved data display in transaction logs: <ul style="list-style-type: none"> During Retract operations, the amount is now correctly displayed in the Dispensed column. Added Waiting for Resolution status to simplify analysis of problematic sessions. <ul style="list-style-type: none"> Service name is now displayed in the transaction list (journal) <p>Monitoring and Logging</p> <ul style="list-style-type: none"> Implemented direct log export from Loki through Admin Console, including: <ul style="list-style-type: none"> Parameter form and download button. UI configuration for log retention policy. Added capability to integrate Grafana alerts with the notification service. PaymentsNG Agent version (commit hash) is now displayed on the Pulse tab in monitoring. Improved error handling for terminal network polling and exception logging. Developed mechanism for retrieving session logs through Loki API. Implemented transfer of ATM agent logs to the server via Agent.PulseAI.Signal Removed deprecated Error Logger <p>Administration and Security</p> <ul style="list-style-type: none"> Audit Trail now records user logout events. Implemented email and Telegram notifications for security events. Added capability to connect AI Assistant for processing Payments logs. Improved device identification: <ul style="list-style-type: none"> Handling scenarios with cloned devices. Generation of unique H/W ID based on network adapter MAC addresses. <p>UI/UX Improvements</p> <ul style="list-style-type: none"> Enhanced scenario display and localization: <ul style="list-style-type: none"> Human-readable names and descriptions. Consistent display across the UI. Changed hardware monitoring filters (checkbox → combo). Restricted table sorting by Terminal ID to improve readability.
August 2025	1.13.0	<ul style="list-style-type: none"> Transaction log: <ul style="list-style-type: none"> A new 'Journal' menu item has been added with a completely redesigned transaction list interface. The old 'Sessions' component is outdated and no longer available.

		<ul style="list-style-type: none"> • Monitoring: <ul style="list-style-type: none"> - A tool for monitoring device components has been added. It is now possible to track the status of printers, acceptors, and other components (currently only supported for kiosks). • Logs: <ul style="list-style-type: none"> - Logs are now processing through the Loki/Grafana stack. - Grafana dashboards are integrated into the new Logs component in the Payments iQ.NG administration panel. - Device logs are stored on the server. • Active Directory integration: <ul style="list-style-type: none"> - Added the ability to authorise in the Payments iQ.NG system through Active Directory accounts. • Updated password policies: <ul style="list-style-type: none"> - Password history introduced: a new password cannot match the last 5 passwords. - Password complexity requirements implemented. - Automatic password expiry check. - Background blocking of inactive users after 365 days. • Reports: <ul style="list-style-type: none"> - The reporting subsystem has been completely redesigned using the new Jasper Reports library instead of Jasper Reports Server. - A new report has been added that allows you to see the number and amount of transactions for a service over a specific period. • FCX – integration with the bank gateway: 2 new columns have been added to the table and export of clearing files: <ul style="list-style-type: none"> - AuxId – external device identifier - Integration Status – integration status with the gateway
June 2025	1.12.0	<ul style="list-style-type: none"> • Performance and stability: <ul style="list-style-type: none"> - Faster session launch, optimised performance of key scenarios, and improved overall system stability. - Significantly reduced memory consumption, which has a positive effect on performance under high load. • Sessions: <ul style="list-style-type: none"> - Session table and filters updated in line with the latest API changes, simplifying data navigation. • Administration – Security enhancements: <ul style="list-style-type: none"> - Devices in collapsed groups are now protected from accidental deletion, minimising the risk of data loss. • Fixes: <ul style="list-style-type: none"> - Fixed errors in cheque printing and status display. - Fixed issues with connection interruptions, incorrect translation display, timers, and errors on screens and in the mobile version. - Resolved issues with filtering, pagination and display of information in modules such as Sessions, Monitoring, Marketing and Licensing.
April 2025	1.11.0	<ul style="list-style-type: none"> • Infokiosks - Equipment accounting and control: <ul style="list-style-type: none"> - Added the ability to set cassette capacity, allowing for more accurate load and collection planning • Transaction sheet - Expansion of analytical capabilities: <ul style="list-style-type: none"> - Added a new “Unified Status” column to the transaction sheet that summarizes the transaction status both on the device and in the

		<p>banking system - for more transparent monitoring and discrepancy resolution</p> <ul style="list-style-type: none"> - Expanded possibilities of applying transaction filters, which simplifies work with large amounts of data and makes the search for the necessary information faster - Implemented a mechanism for preventing multiple connections from the same device, improving overall system reliability • FCX - Integration with internal systems: <ul style="list-style-type: none"> - Added support for integration with an online bus, enabling instant transmission of transactions to banking systems for prompt processing and analysis
November 2024	1.8.1	<ul style="list-style-type: none"> • Template changes • Minor bugfix
October 2024	1.8.0	<ul style="list-style-type: none"> • We can now assign all groups to the user at once • Since version 1.8.0 we can update scenarios microservice separately from the NG platform • Removed Upload button • Administration and PaymentsNG have been taken out to a separate micro frontends • Improved pruning policy, the pruning process is now run every 15 mins • Improved scenario params editor • License validity status can now be viewed in Licenses • Modules versions may now include component version • Added Maintenance mode • Added license serial number check to avoid duplication • Added IP address column • Added Customer Journey Analytics & Customer Journey Map module • Added an ability to activate/deactivate products and edit additional properties for a group of devices
September 2024	1.7.2	<ul style="list-style-type: none"> • Added a mechanism to mark transaction as lost in clearing files. • Added extra columns and their configuration mechanism. • Modified filter, added filtering sessions by either SessionId or by ReferenceId (RRN). • Scenario translations can be defined in a schema • TermNR from device's additional props is now used for ABS integration
August 2024	1.7.1	<ul style="list-style-type: none"> • 6 new banks' scenarios
May 2024	1.7.0	<ul style="list-style-type: none"> • Navigation tree and list selections are now kept between sessions. • User activity in all modules is now logged in Reports, DS Center, Payments • Added flags mechanism to manage UI modules visibility. • Deferred transactions are now indicated in the table. • Added Payments NG module (2 Pilot scenarios) • Transition to the new Oracle Linux 9.3 distribution • Added the ability to change the time zone in the template
March 2024	1.6.3	<ul style="list-style-type: none"> • Flags config in cluster configurator (menu items) • Changed docker network subnet in template
December 2023	1.6.0	<ul style="list-style-type: none"> • Added Proxy microservice • Added Check License cronjob • User permissions

		<ul style="list-style-type: none"> • Device Key • Exchange Rates • Async reports run • User access rules • Receipts Collection Service • License activation
October 2023	1.5.0	<ul style="list-style-type: none"> • Licensing initial implementation • DataCenter reports • Portal refactoring • Errors Log Add datetime from/to to the filter • Company data export/import report properties • Add description to the report properties, add endpoint to retrieve description by the report id • Add a user flag to indicate if visibility can be changed for the given report • Copy user access rules to another user • Devise a mechanism to prevent message flood • Add an endpoint to retrieve transaction change code, add a permission to view the code • Vendors: added a Requisite form column • Terminal states added: Last state, Printer, Cassette, City, Address columns • Transactions: filters by PAN, payment type and currency scheduled reports added • Implement scheduled reports generation
July 2023	1.4.0	<ul style="list-style-type: none"> • Impemented reports subsystem • Impemented UI and external notifications propagation mechanism • Implemented agent and products update mechanizm • Added an gent column • Product versions are now displayed in the columns • ConnectionStatus is properly updated immediatly after agent goes online/offline • Pending devices was appended with Agent version column • Device platform is added for to device properties • TerminalId column is added to the Error Log table • Added new microservices: reports, jasperreports, facerecognition • Possibility to enable or disable ssl for FCX microservice • Setting up an application from the configurator menu