

FlexNet Operations

Award-winning Entitlement Management

Entitlement Management for Your SaaS, IoT and Software Business. Grow Recurring Revenue with Subscriptions and Usage.

Drive Recurring Revenue

FlexNet® Operations enables you to monetize software effectively and manage compliance and customer growth. It supports all monetization models—from more traditional perpetual models to flexible subscription and pay-per-use models. FlexNet Operations empowers you to manage entitlement management and the corresponding software delivery, update and licensing processes for embedded, on-premises, SaaS and cloud solutions:

- Track and manage compliance
- Measure usage as a basis for pricing
- Optimize the trial to buy process
- Dynamically create product configurations (like standard and light versions)
- Change features on demand and monetize premium features
- Know exactly who is using what so you can monetize effectively

Run Your Software Business Successfully

Packaging, pricing, deployment and provisioning options are always changing. Customer use rights (entitlements) change as well—assets move within the company as customers upgrade or downgrade their packages or they go through M&A or divestitures. FlexNet Operations manages the dynamic nature of software entitlements. You get the needed insight to make the connection between your software products, your devices, your customers and their usage.

Automating software lifecycle transactions and providing self-services can cut operational costs and allows users to:

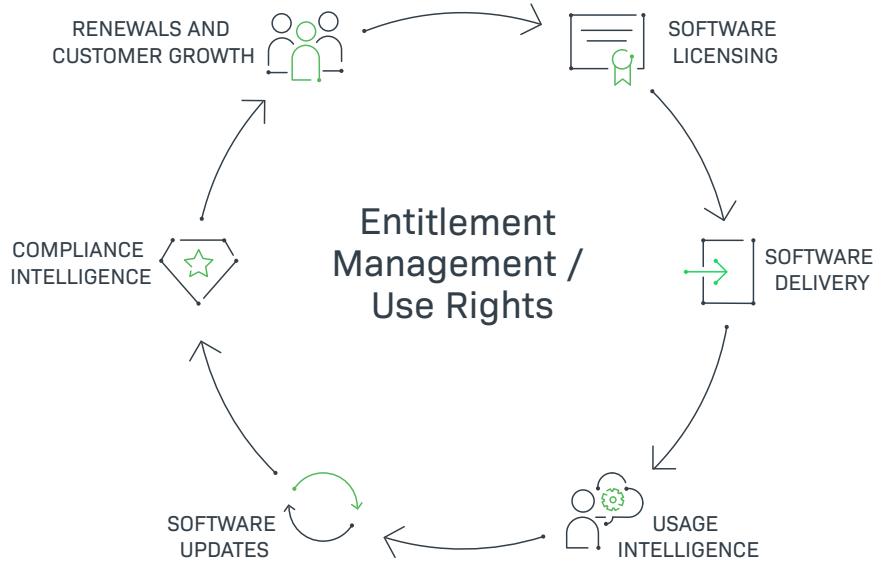
- Manage the entire software lifecycle—fulfill, activate, return, re-host and repair
- Manage the licensing lifecycle of applications on devices—create and provision features, enable rebalancing, returns and moves
- Support virtualization and cloud environments—manage products in virtual environments, prevent or report on cloning
- Report on software and device licenses

KEY BENEFITS:

Understand exactly what software your customers are entitled to use, how much they are actually using and how your products are being used.

- Embrace new business models
- Maximize revenue from existing customers
- Streamline back-office processes
- Innovate and evolve products quickly
- Protect software IP

FlexNet Operations sits at the heart of Revenera's Monetization Platform that enables a high level of automation and integration between entitlement management, software delivery and updates and usage analytics.

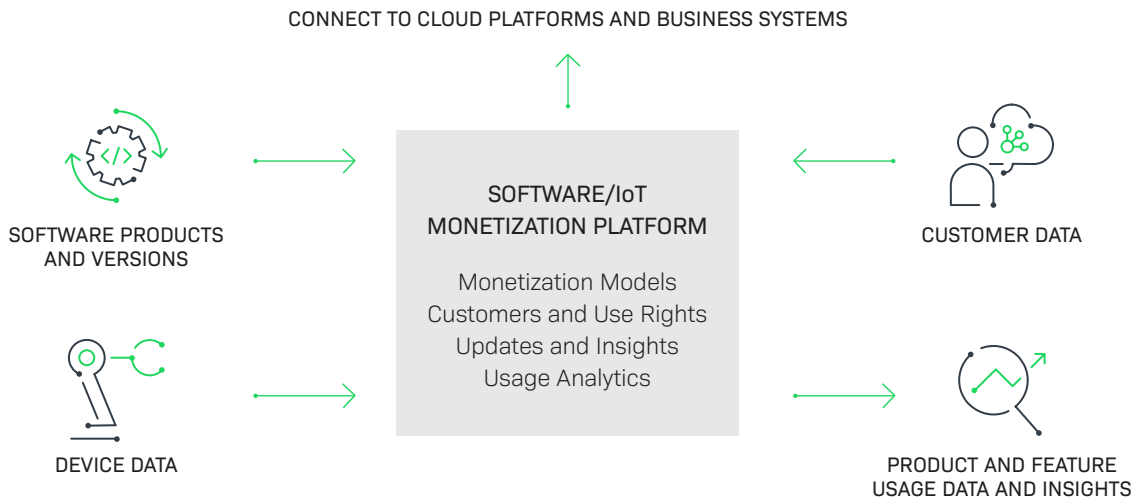


Data Drives Successful Software Monetization

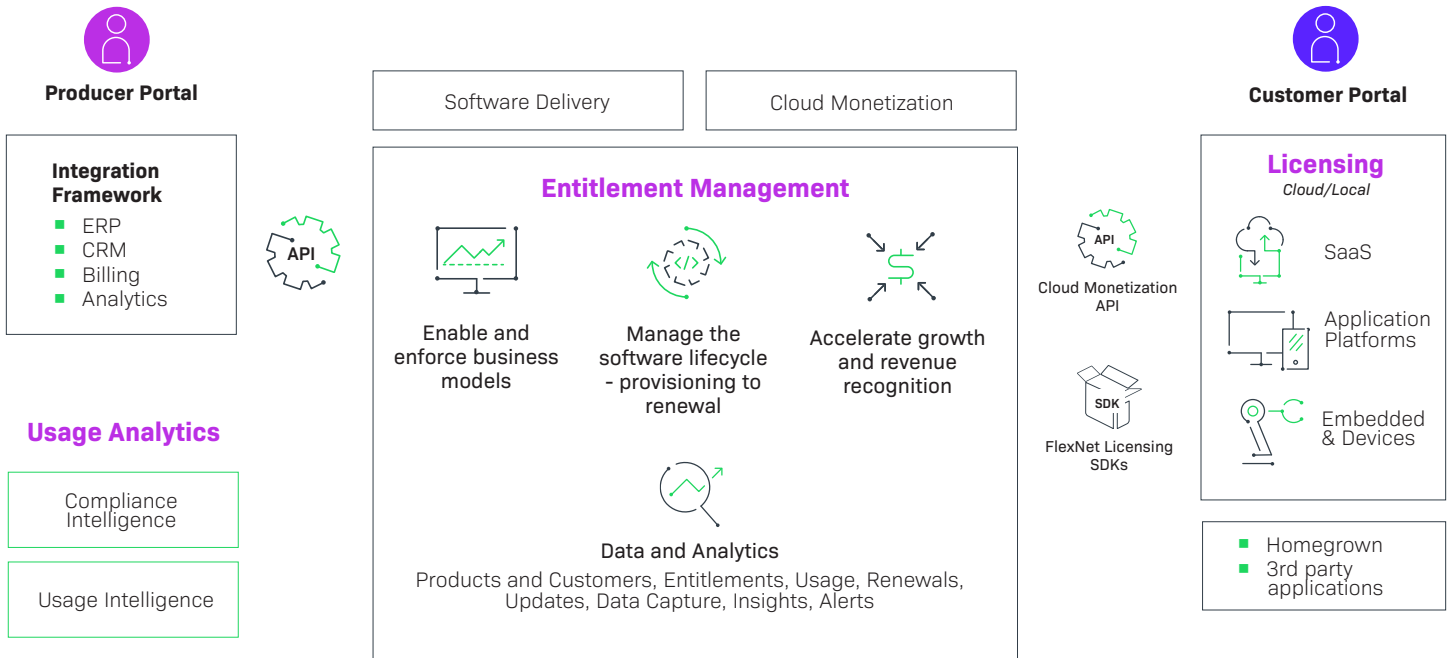
- Maximize revenue from upgrades and renewals
- Reduce churn and drive upsell/cross-sell initiatives based on usage insight
- Make strategic decisions for future product development and pricing
- Streamline operational processes and automate transactions, notifications and reports

- Manage your on-premises, Cloud, SaaS, virtualized and embedded apps, plus connected and disconnected devices, in one central monetization back office

The Revenera/IoT Monetization Platform is the hub of your digital operations, providing the data and insights you need to power a successful software or device business.



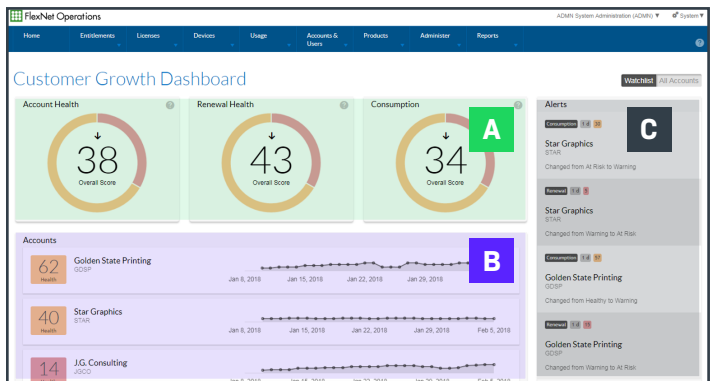
Monetization Platform Overview



Manage Renewals and Customer Growth

One of the biggest challenges for suppliers and buyers in complex supply chains is the ability to create, manage and track software entitlements. In an entire organization, this will often involve all the subsidiaries and departments within the enterprise. Multi-tier channel models often add another layer of complexity. FlexNet Operations makes it easy to manage these ecosystems, providing the ability to:

- Drive upsell and cross-sell campaigns more effectively
- Help customers succeed and reduce churn
- Increase renewal rates through proactive management
- Provide customers with insight and transparency
- Monitor customer activity with an easy to read dashboard



Customer Growth Dashboard

- A** Monitor consumption and renewals, proactively address issues
- B** Identify which customers are gaining value from your software
- C** View immediate alerts for accounts on your watch list

Manage Complex Channels and Customer Organizations

One of the biggest challenges for suppliers and buyers in complex supply chains is the ability to create, manage and track software entitlements. In an entire organization, this will often involve all the subsidiaries and departments within the enterprise. Multi-tier channel models often add another layer of complexity. FlexNet Operations makes it easy to manage these ecosystems, providing the ability to:

- Manage multi-tier supply chains
- Track channel partner success
- Automate distribution and fulfillment while staying in control
- Enable customers to manage licenses and entitlements in complex organizations

Modules

FlexNet Operations is a modular system that can be tailored to your needs. The platform comes with a proven core product detailed above that leverages Revenera's deep and extensive understanding of the software and IoT industries. Additional modules provide enhanced capabilities to meet the specific demands of today's software suppliers.

Cloud Monetization

The Cloud Monetization module provides you with the Cloud Licensing Service, eliminating the headache of running local license servers. You are also provided with the Cloud Monetization API that enables you to connect to SaaS and small footprint IoT devices and execute licensing transactions without implementing licensing technology in your software endpoints. Usage Management enables you to measure usage of your products and get ready for usage-based monetization models. With pay-per-use, pay-per-outcome, and pay-for-coverage, software suppliers can better align pricing with what is really used. Both pure usage-based models and hybrid models with a usage component depend on the accurate metering that Usage Management provides.



CLOUD LICENSING SERVICE

The Revenera Cloud Licensing Service is a cloud-based license server managed and hosted by Revenera.

- Manage licensing and compliance processes for cloud-based and local applications—using FlexNet Licensing or the Cloud Monetization API
- Improve the customer experience by eliminating the need for local license servers
- Rely on a high-performance and secure service for all licensing processes
- Prevent overuse of your applications and stop revenue loss from virtual machine cloning

CLOUD MONETIZATION API

The Cloud Monetization API is a standard and secure web services framework built to connect your SaaS and small-footprint embedded software to FlexNet Operations.

- Universal licensing interface for SaaS, IoT devices and other platforms
- Uses a universal JSON/REST protocol and does not require a licensing SDK implemented in the endpoint
- In-app control of users and use rights
- Direct connection to monetization back-office

USAGE MANAGEMENT

Usage-based monetization and compliance models are on the rise. The Usage Management module facilitates these models, allowing you to:

- Support usage-based models and offer trust-but-verify software licensing and compliance models
- Offer pricing based on actual usage (pay-for-use, pay-for-burst, pay-for-coverage, etc.)
- Provide visibility and transparency—enabling buyers to access their usage data themselves
- Support compliance initiatives
- Export usage data for billing, pattern analysis and optimization

Software Delivery and Updates

A great customer experience starts as soon as the purchase is completed. Electronic Delivery of software packages or containers ensures your customers quickly and securely receive your products. Meeting customer expectations at this stage is the first step toward building customer loyalty. And because it's entitlement-based, Software Delivery protects you by allowing downloads only to eligible customers. Customers benefit from a more straightforward experience because they will only see the products available to them.

- Prevent revenue leakage with entitlement-driven updates
- Automate your software and firmware update processes
- Choose when to deliver, how to deploy updates
- Gain customer insights by tracking software and device usage
- Extend updates and data collection to disconnected devices with FlexNet Edge
- Trigger alerts based on key events
- Increase renewal rates through proactive management
- Monitor customer activity with an easy to read dashboard

Software Container Delivery

Software producers moving to cloud-native deployment models can accelerate and automate revenue recognition by ensuring entitlement-based delivery of software container images to end customers in a seamless process, making sure that software is only delivered to paying customers and revenue gets recognized in seconds.

- Accelerates timely, accurate revenue recognition and avoid revenue leakage
- Automates software delivery only to paying customers
- Provides a complete audit trail of customer activity
- Accelerates producers' path to monetizing cloud-native products
- Provides a single, fully-integrated back-office system to manage license, entitlements and software delivery
- Removes friction and manual, home-grown processes for software suppliers
- Enables producers to scale and to provide greater operational efficiency with reduced support expenses and the elimination of physical distribution costs

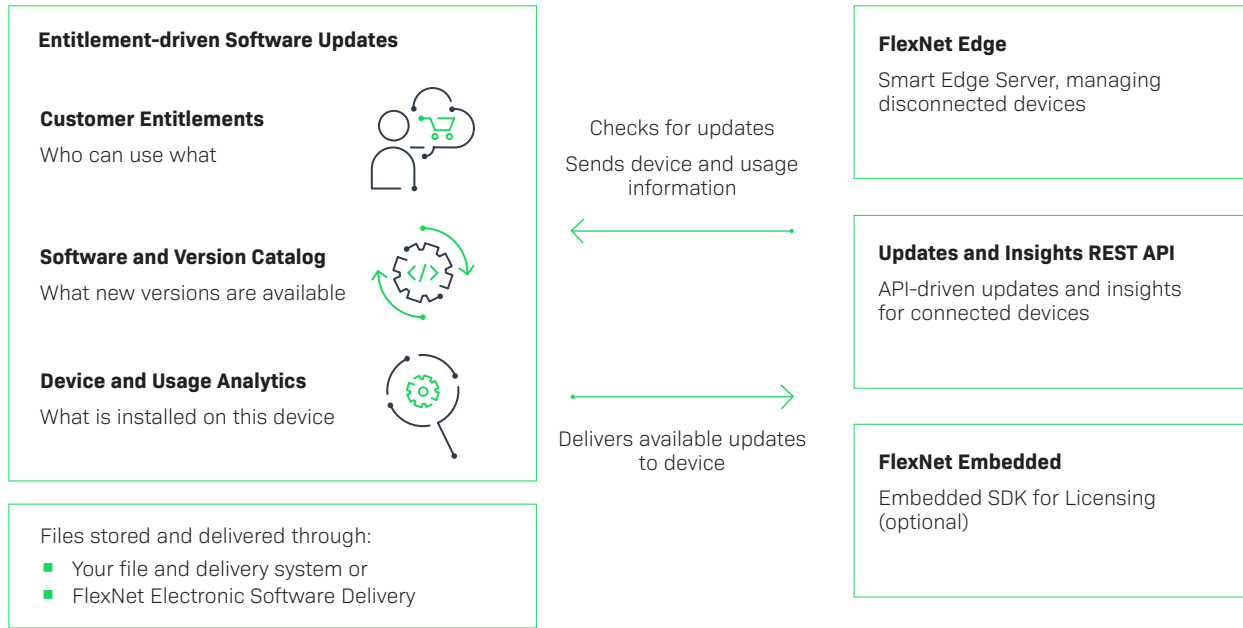
Software Package Delivery

It is important to deliver software to your customers in a fast, reliable and secure manner. With the Software Delivery module, you'll be ready to enable more frequent updates, larger file sizes and a better user experience. Revenera's packaged software delivery is based on Akamai's Content Delivery Network (CDN) and manages close to 100 million downloads per year. With this module, you can:

- Deliver software electronically, based on customer entitlements, making sure that only eligible customers receive downloads and upgrades
- Automate the fulfillment of export compliance requirements
- Track downloads automatically and accurately so you know who is using what

Software Updates

To be successful you need to be fast, agile and know what's going on. With FlexNet Operations and FlexNet Edge you'll benefit from data gathered from all applications and devices— connected and disconnected. You'll have centralized back office control over updates and the ability to extend that control to secure disconnected environments including medical and industrial facilities.



- Files stored and delivered through:
- Your file and delivery system or
 - FlexNet Electronic Software Delivery

DEVICE ID	VERSION ID	UPDATE NAME	PLATFORM	STATUS
MS544756749	MSUpdateID1	MSUpdateID1	Embedded Linux	Install completed
MS544756749	MSUpdateID1	MSUpdateID1	X86V383	Install completed
MS544756749	MSUpdateID1	MSUpdateID1	X86V383	Install completed

Name	ID	Type	Account	Licenses	Updates
DEMO_ACCT_UAI-DEV03	DEMO_ACCT_UAI-DEV03 (STRING)	Standalone Device	DEMO (Demo Account)	No licenses	Update Info
DEMO_ACCT_UAI-DEV02	DEMO_ACCT_UAI-DEV02 (STRING)	Standalone			Update Info
DEMO_ACCT_UAI-DEV01	DEMO_ACCT_UAI-DEV01 (STRING)	Standalone			Update Info

Update name	ID	Status	Last activity
Standard STD_CA Calculator 1.0-2.0-2.0.2.1	2.1	Download failed (check error code)	Apr 19, 2018 14:36:07
Standard STD_CA Calculator 1.0-2.0-2.0.2.1	2.1	Installation is complete	Apr 19, 2018 14:36:07
Standard STD_CA Calculator 1.0-2.0-2.0.2.1	2.1	Installation has started	Apr 19, 2018 14:35:02
Standard STD_CA Calculator 1.0-2.0-2.0.2.1	2.1	Download has been successful	Apr 19, 2018 14:35:02
Standard STD_CA Calculator 1.0-2.0-2.0.2.1	2.1	Download has started	Apr 19, 2018 14:34:01

■ Full visibility and a complete audit trail for updates. All transactions related to a specific device, in a single view.

NEXT STEPS

Visit us to learn more about Software Monetization.

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Reverena provides the enabling technology to take products to market fast, unlock the value of your IP and accelerate revenue growth—from the edge to the cloud. www.reverena.com