

# Why Did We Put a Platform Underneath Our DCIM Application?

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## About RunSmart

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RunSmart was founded with a single purpose: to transform the data center infrastructure management of a global colocation provider by increasing efficiency and extending their environmental and business sustainability.

Initially developed in 2008, the team was challenged to build a comprehensive management system with extensive connectivity to different data sources and protocols, old and new, across the company's entire global footprint. The result was the beginning of an industry-shaping solution to data center infrastructure management: RunSmart.

In 2015, RunSmart Software was refocused to address the needs of a broader audience. The major overhaul that followed, transformed the product. This brought together a modern architecture and enhanced automated control while maintaining and building upon the key takeaways from its origin: Extensive Connectivity, Scale, Modularity, and Structure. This evolution was made possible by a controlled customer base test, and produced a world-class data center management software that fit the immediate and future needs of several leading industries.

Today, our RunSmart server monitoring service is uniquely positioned and continues its success. Our proven track record speaks to our commitment to understanding our customers' needs and to providing them with creative, forward-looking solutions.

**WE BELIEVE THAT ORIGIN MATTERS.**

## OVERVIEW

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Launched in 2008, the RunSmart Enterprise Platform was re-architected to meet the ever evolving needs of cloud-based data infrastructure management. The result?

### Key Points:

- An adaptable foundation for our DCIM application.
- A modern architecture with enhanced automated control.
- Creative, forward-looking solutions that meets customer needs.
- A dynamic, platform that evolves along with your data management needs.



# Our Effort, Your Reward.

We have been on a journey. One marked with achievement as well as the need to confront shortcomings. Here's why we think our journey will make a difference in how you think about DCIM software.

In 2007, information silos, scarcity of trusted information, error-prone spreadsheets, and lack of real-time control had created unacceptable risks and increasing costs in data centers.

So that year, the founders of IO Data Centers created a software team within IO. Physically housed within the data center. In a living lab where we could see equipment and sensors. Witness how information was created and used. Assess the impact on the management and operation of the data center. The IO team wrote a DCIM application called IO.OS to support IO's 200MW global data center platform. An achievement.

But after being spun off by IO in 2015, it became clear to the newly named BASELAYER team that the next-generation data center won't be a "center" at all. Data will be distributed throughout the cloud and in multiple data centers and colocation facilities. A more complex infrastructure fabric to manage. With new questions emerging everyday – increasing the penalty for static solutions. We saw a shortcoming in IO.OS.

So we made the tough decision to re-architect our software. To build a platform to serve as the foundation underneath our DCIM application. The result? RunSmart Enterprise: the industry's first infrastructure management platform. On top of which resides our DCIM application, resulting in a powerful combination.

So, the reason we built the RunSmart Enterprise platform to go underneath our DCIM application is to make it possible for you to adapt to these changing needs. To equip you for where you're headed.



The result of our journey? You get to start from where we are now – we're already where you need to be.

## STEP UP TO THE PLATFORM.

Our DCIM application allows you to deliver results today. And the RunSmart Enterprise platform on which it rests means that you aren't stuck with today's functionality – you can enhance it as your requirements change:

- A platform is dynamic. An application is static. With the RunSmart platform, you can easily turn your business insights into new functionality and automated responses.
- A platform is open. An application is closed. With a platform, you can eliminate the traditional vendor release and development cycle. You aren't locked in – you control your own path forward.
- A platform provides you a "single source of truth." A platform provides a standard reference and protocol for all applications and data. You can upgrade individual applications without worrying about corrupting data and inter-application interfaces.

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