



REDWOOD ROBOTICS™ SOFTWARE FOR ITOPS: CLOUD MANAGEMENT

The switch from an on-premise environment to one that's cloud-based – or, more likely, a hybrid of the two – delivers a new level of flexibility and scalability, one that was previously unachievable for many businesses. But organizations that fail to effectively manage their Azure, AWS and other cloud instances may find themselves faced with huge usage costs.

Handling cloud provisioning and load management with Cloud Management, however, means organizations can reduce their server costs by up to 70% immediately, and still keep full control of their instances.

A ROBOT ANSWER TO AN INEFFICIENT PROCESS



Most cloud-based systems are priced depending on usage. That means if an organization spins up a cloud instance for testing, the company will get charged for an entire hour, even if the instance was only used for five minutes.

Extend that to environments that spin up instances 24/7, rather than just during working hours, and it's easy to see how money is being wasted that could be better deployed

elsewhere. With the use of robots, the cost of testing in this example would fall from 168 hours per week to just 50.

Redwood's Cloud Management not only gives organizations full control of their cloud application landscape from a management perspective, but it can also be deeply embedded in critical processes to allow dynamic, resource-based automatic cloud provisioning.

THE POWER OF ROBOCLOUDMANAGEMENT



Cloud Management is also at the heart of Redwood Intelligence, Redwood's data warehouse for customer scheduling.

Each day, often multiple times per day, customers deliver data to Redwood Intelligence that needs a lot of calculation to fill the warehouse. Thanks to Cloud Management, at the point of delivery, a calculation instance spins up in the cloud and runs for exactly 55 minutes, to ensure the charge stays within one hour.

The result is that each day only four to five hours of cloud resources are used, rather than running instances non-stop.

Cloud Management allows organizations to control ad-hoc server requirements, plan their requirements in advance, or respond dynamically based on resource requirements when embedded into processes directly.