

ADLIB SOFTWARE VALIDATES CLOUD OFFERING OF THEIR ELEVATE PLATFORM

Adlib Software created the Elevate platform, which structures data to enable automation and better business intelligence. By leveraging a CENGN project, they validated the Elevate platform as a cloud-based solution.

Adlib Software, a global leader in file analytics and data enrichment solutions, is a Canadian software company headquartered in Burlington, Ontario. Adlib has been transforming the way global organizations overcome unstructured data challenges for 17 years. Adlib's data enrichment solutions enable thousands of global customers and partners to discover, access and transform their unstructured data into high-quality, structured data that is primed for process automation, insight, systems, and other digital business initiatives. Adlib came to CENGN to complete a cloud project in order to reach new markets with their Elevate platform.

THE DANGERS OF UNSTRUCTURED DATA

With the rapidly evolving tech world, it can be extremely difficult for companies to adapt to the digital demands of the global market. More than 80% of corporate data is locked in documents, and it has become critical for companies to be able to sort through these documents quickly to discover and make use of all their data resources. When companies have efficient access to all their data, they can use it to accelerate innovation, simplify compliance, improve operations, and better the consumer experience.

THE POWER OF ELEVATE

For these reasons, Adlib has found much commercial success with their premier software, Elevate. The platform uses AI technology that is designed to help businesses efficiently access their quality data and drive internal data transparency. Elevate enables businesses to leverage the power of their unstructured data to fuel process automation, extract business intelligence, and accelerate digital transformation.

Elevate's main features include its robust framework that targets and extracts data at scale, its ability to migrate legacy content to new systems, enriching metadata that improves search and efficiency, and its scalability and load balancing potential for efficient use of system resources.

Currently, Elevate is offered only as an on-prem and single tenant cloud solution. Adlib sees high business value in expanding their cloud-based Elevate service offering. A multi-tenant cloud-based Elevate would compliment the existing offerings by providing a more affordable solution for companies that don't require as many resources. This could open their customer base to small businesses, while at the same time becoming more flexible to the needs of their current clients.

Developing a multi-tenant cloud-offering was the focus of their CENGN project, seeking to validate Elevate's cloud migration, as well as the platform's functionality at scale, supporting multi-tenants with all features.



CENGN MEMBERS



PROJECT SETUP

The Elevate platform was deployed on the CENGN cloud and split into twelve dedicated VMs in order to better monitor functionality in a cloud deployment. These VMs included a database VM, two Workflow Manager VMs, a Message broker VM, a webservices VM, a connector VM, and six engines. With each part of the solution broken into separate isolated VMs, Adlib could monitor each part separately, identifying where the bottlenecks or issues take place while testing different features.

VALIDATING ELEVATE IN THE CLOUD

During the course of the CENGN project, Adlib was able to fix important issues with the cloud-based platform which resulted in Elevate's cloud offering successfully processing millions of files in a 24 hr period. Adlib developed their own custom scripts, which was implemented on their platform, in order to simulate users for their load tests. The result of this test indicates that Elevate can scale in a cloud environment, making their cloud solution viable for their clients.

READY FOR COMMERCIAL GROWTH

Throughout the project, CENGN staff provided cloud expertise to aid in the migration of Elevate from a solely on-prem solution to a cloud offering. CENGN staff also ensured that the project test plan and setup was sound, providing valuable security feedback to Adlib.

The project has accelerated Adlib's time to market, allowing the company to identify and address any issues with migrating Elevate to a cloud service on a commercial grade infrastructure. Having access to these essential infrastructure services, premade cloud test spaces, and solution testing experts, allow for faster validation of products and more successful product launches. Adlib is now ready to commercially launch Elevate as a cloud service offering.

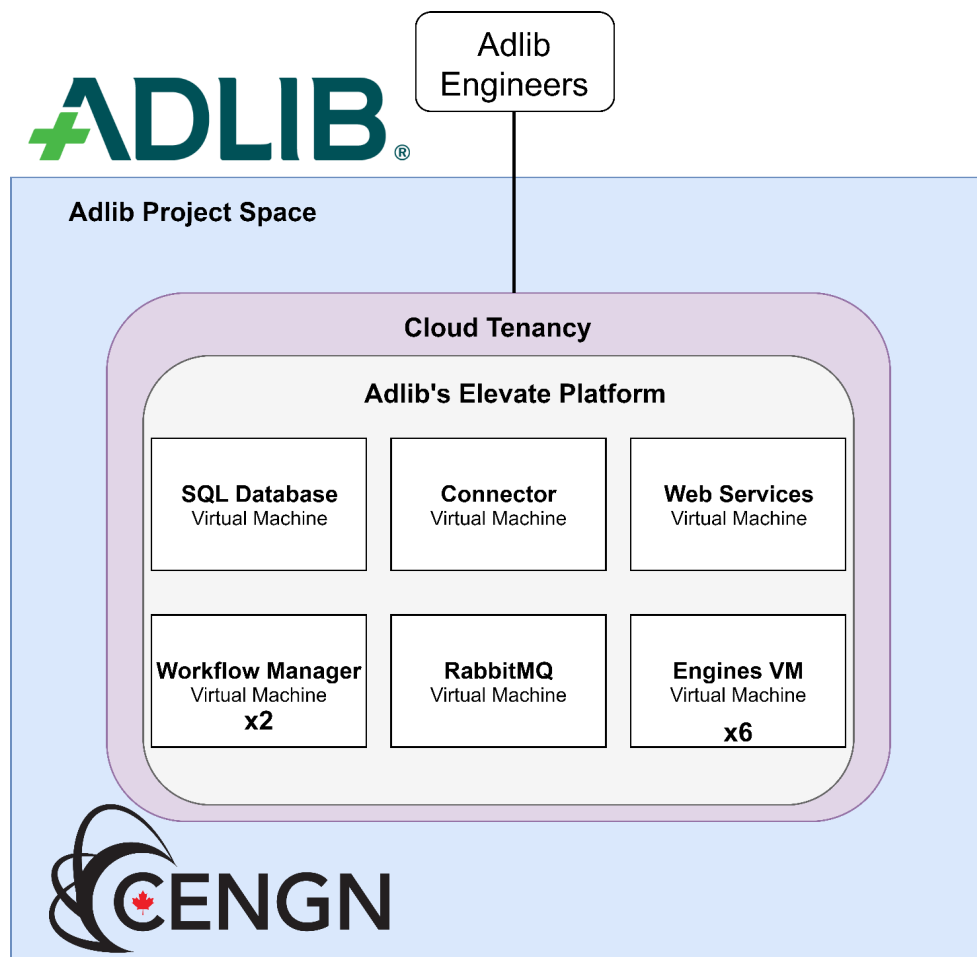


Figure 1: Adlib Project Space on CENGN Infrastructure

Adlib also successfully validated that their multi-tenant configuration could keep each tenant secure and isolated from one another. During testing, the platform was able to maintain integrity with thousands of tenants performing multiple jobs, with one job equaling thousands of files being processed. Additionally, they confirmed the high availability of the platform, by testing how quickly a backup engine would take over upon the failure of the working engine. Through this testing, they verified the fault tolerance level necessary to confidently bring their product to live customers.