Cloud Propeller, Inc. – Dynalab, Inc. Story Brief
Date: February 2020 | **Version:** 1.0

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Dynalab, Inc. (Dynalab) partnered with Cloud Propeller (CP) in March 2016. IT Manager, Brent Ervin met CP owner Petar Smilajkov and was immediately impressed with his expert knowledge and consultative approach.

"Before Cloud Propeller, we had a lot of trouble finding a provider that was able or willing to address our needs," Ervin said.

Dynalab was faced with significant challenges following the departure of the company's former IT Manager. When experienced engineer and long-time Dynalab employee Brent Ervin was selected to step into the role in 2015, he faced a number of serious challenges.

The business needed a completely new infrastructure. But, funding for a project of this scope was not available. Equipment was inadequate and outdated, and the system was experiencing regular outages. Backup solutions were not working. Risk levels and security issues were of significant concern.

Dynalab needed a customized solution, and they needed it fast. Other service providers they had spoken with were not prepared to offer a tailored solution and were unable to work within Dynalab's budget threshold.

"We are a small manufacturer in a very competitive industry with 24-hour production, and we didn't have a big IT budget," Ervin explained "We were looking at an entire replacement of our infrastructure and we couldn't afford it. The CP team immediately evaluated our needs, assessed risk, and presented a tailored solution. They had a clear understanding that our RPOs are even more strict than our RTOs. In our world, we can't afford to lose one second of data. This is critical."

CP addressed Dynalab's unique challenges by building a customized transitional on-prem cloud environment as a first step. This included a direct link to Dublin's data center providing a comprehensive IaaS and BaaS solution, while using the most up-to-date equipment available with Veaam-powered backup to maximize security and reduce risk.

"Now, we have a plan, we are prepared, and we have a high level of confidence in our infrastructure," Ervin noted. "When there's been a rare issue, we've had zero down time. Going forward, we can confidently develop and implement a business continuity and disaster recovery

plan. We're able to be proactive, instead of reactive. Risk has been eliminated. We're operating within our budget. And, every service call to CP is answered by a cloud engineer."

When the U.S. Secret Service visited Dynalab in advance of a visit from Vice President Pence in 2017, the Cyber Security Service evaluated Dynalab's system. The system received high marks in part because of the company's collaboration with Cloud Propeller.

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