Commvault®

IP RINGS

IP Rings streamlines backup complexity and secures against ransomware risk with Commvault Cloud, ThreatWise, and Air Gap Protect.

IP Rings
Amalgamations Group   Innovate Excel

Automotive components maker ensures business continuity for critical manufacturing systems.

CHALLENGES

- IP Rings maintained three separate backup workflows local servers, a third-party cloud service, and a remote data center in Bangalore. This approach created gaps in visibility, inconsistent data quality, and uncertainty about recovery readiness.
- Their previous cloud provider stopped services unexpectedly, and the IT team urgently needed a unified, reliable backup and recovery strategy.
- Their previous multi-step backup process proved complex, fragmented, and vulnerable to ransomware risks.

SOLUTIONS

- IP Rings partnered with Commvault to modernize their data protection, simplify operations, and ensure they could recover clean, verified data – fast.
- Commvault delivered an integrated solution:
  - Commvault Cloud, powered by Metallic® AI for SAP HANA and file servers
  - Air-gapped backups for ransomware-resilient data copies
  - ThreatWise for early threat detection
  - Air Gap Protect Hot Tier for Microsoft 365 and other workloads

Industry
Automotive –
Manufacturing
& Engineering

Location
India

Website
iprings.com

In numbers
- Employees: 1000
- Offices: Chennai, India

Key environments protected
- SAP HANA
- Microsoft 365

Commvault solutions
- Commvault® Cloud
- ThreatWise™
- Air Gap Protect

RESULTS

- Commvault enabled IP Rings to consolidate multiple backup processes into one integrated ransomware-resilient platform.
- The deployment replaced multiple legacy workflows, cut backup windows from hours to minutes for incremental jobs, and positioned IP Rings to restore clean SAP HANA environments within defined service-level agreements.
- They saw measurable improvements in backup speed, recovery assurance, and audit readiness.

THE MISSION: BREAKING DOWN SILOS AND MITIGATING RISK

IP Rings, a leading manufacturer of precision components for the automotive sector, runs its entire business on SAP HANA. With production, design, and engineering operations spread across multiple plants, data availability and integrity are mission-critical. Even brief downtime can disrupt manufacturing, delay shipments, and impact customer commitments.

The company had a three-layered approach to its data – one going to the cloud, one to a data center, and one to a local system. They wanted to bring everything under one umbrella, while gaining greater visibility and stronger security for their data.

When their previous multi-step backup process proved complex, fragmented, and vulnerable to ransomware risks, IP Rings partnered with Commvault to modernize their data protection, simplify operations, and ensure they could quickly recover clean, verified data.

> " Hackers don't attack immediately; they slowly penetrate the system. We wouldn't know how much data we had lost, and data loss is most critical to us. In this scenario, Commvault was a real eye-opener, and I feel my data is in the safe hands of Commvault.

Seshasai
Head of IT, IP Rings

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> ❝ The connectivity from our on-premise server to your air-gapped protection data store on the cloud took less than 5 to 10 minutes. The configuration was done in about 5 to 10 minutes, and immediately after, the console diagnosed our databases.

Shivakumar
Head of IT, IP Rings

FASTER CONFIGURATION AND SYNCHRONIZATION

Because IP Rings relies on SAP for 90% of their operations, they laser-focused on implementing optimizing their SAP environment — for production, development, and quality databases and applications.

In week one, they were able to configure the SAP HANA database quickly. The team says connecting their on-premise server to the air-gapped protection data store on the cloud took less than 10 minutes and configuration took about 10 minutes. They reported that immediately after configuration, the console diagnosed all three databases on-premise. The console also suggested a database size and basic configuration to predict their retention period for data restoration.

The first synchronization was completed within three to five hours, and subsequent incremental synchronizations take only 10 to 15 minutes. This was a sizable improvement from their former backup solution, where the synchronization regularly ran from late at night to early morning. The team says this has greatly improved managing the load of synchronization and the use of on-premise servers.

GREATER VISIBILITY INTO ANALYSIS AND RESTORATION

IP Rings' head of IT, Seshasai, expects the restoration capability and threat-based analysis and censoring will provide greater clarity – and peace of mind. Now, he says, when auditors ask about the database analysis, he can give them a clear answer. And, in the event of a data crash, the restoration capability enables him to reassure company stakeholders that he can get SAP up and running again within a specific timeline.

REDUCING IT SYSTEM AUDITS FROM 30 DAYS TO 30 MINUTES

In addition to providing greater security visibility, the three analyses provided by Commvault have also reduced audit times. Before implementing Commvault solutions, a previous IT system compliance audit revealed IP Rings' systems didn't have vulnerability assessment and penetration testing (VAPT). They hired a third party to perform the VAPT, and it took a month to complete the audit. Once they had Commvault capabilities in place, they successfully presented their compliance to auditors in 30 minutes, and the IT system audit was completed with zero instances of non-compliance.

ABOUT IP RINGS

IP Rings is a frontline automotive components manufacturer specializing in the production of piston rings in high-carbon, high-alloy steels and nodular iron with a variety of surface coatings that find application in present day high-performance low-emission engines. The company has gained wide acceptance among OEMs and in the aftermarket and is rated as a progressive forward-looking technology-driven company.

To learn more, visit **commvault.com**

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