![milCloud 2.0 — Powered by General Dynamics Information Technology](logo)

Cloud Data Migration & Backup-as-a-Service

Cloud migration can be daunting, but milCloud® 2.0 has the tools and technologies to make the process seamless. Designed to accelerate cloud data migration and deliver the highest levels of protection for mission-critical data, milCloud® 2.0 leverages technology from Rubrik to support cloud data management, backup and recovery, backup-as-a-service, and more.

Migrating to the cloud is not a one-step process - it's a journey. And for mission partners with massive data environments, it begins with understanding the data they have and how important each data set is. Working with the milCloud® 2.0 team, mission partners can conduct an initial data and application discovery process to determine what they should migrate to the cloud, as well as define classification levels for data protection.

With Rubrik's simple and scalable solution, mission partners can overcome many of the network and technical constraints when attempting to migrate very large data volumes and get up and running in a milCloud® 2.0 data center quickly with customized backup and recovery for their unique data protection needs.

How milCloud® 2.0 and Rubrik Work for You:

Rubrik offers two essential services – Data Migration Appliance (DMA) and Backup-as-a-Service (BUaaS) – that allow mission partners to simplify and expedite the complicated process of data migration. DMA and BUaaS provide key functions before, during, and after the migration process is complete.

The milCloud® 2.0 Advantage:

- Simplifies and accelerates the acquisition and migration process
- Manages data and metadata across cloud platforms via an API-driven, cloud first solution
- Provides flexible, customized data protection based on clearly defined policies
- Restores data from the core to the edge quickly via a flexible and simplified consumption model
- Leverages next-gen tech for faster backup and recovery, search, and long-term data retention

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Data Migration Appliance:

After working with the milCloud® 2.0 team to determine the scope of workload migration, mission partners can place an order in the milCloud® 2.0 business portal for the Rubrik DMA device, which is sent to their on-premises data center. Offering various levels of consulting services and support, the milCloud® 2.0 team helps facilitate the migration onsite – unboxing, racking, stacking, and configuring the device.

While hosting the DMA on premises, there are several functions mission partners can leverage inside their data center, including auto-discovery, backup and recovery, testing/development/DevOps, ransomware recovery, and cloud testing.

Once all data is loaded on the DMA, devices can simply be unplugged, reboxed, and shipped to the milCloud® 2.0 data center for data transfer. Once it arrives, the milCloud® 2.0 team stacks and configures the DMA into the milCloud® 2.0 data center, recovers data from the last backup and syncs any changes since then, completing the migration process.

Tips for Migration Success:

- Discover what's on your network so you know what to migrate and what to toss
- Determine the security hoops you'll need to jump through to migrate your networks and prepare ahead of time to accelerate migration
- Develop a timeline to get your leadership and employees on board

Backup-as-a-Service (BUaaS):

milCloud® 2.0 also offers BUaaS (if you're an existing customer leveraging the Rubrik platform), a highly intuitive, automated solution for data backup and recovery that allows mission partners to focus solely on their mission.

Designed with the flexibility to store alternate copies of data for a configurable amount of time and enable recovery from a specific point in time, the milCloud® 2.0 BUaaS solution gives mission partners control over how often they want to back up, what data to preserve, and how long it's preserved for. After the initial full backup, subsequent backups are "incremental," which take significantly less time, ultimately reducing the overall time spent on backup management.

Mission partners can also leverage the robust indexing capability that maintains a searchable record of all content backed up, allowing them to search across their data holdings. They can recover their data using global real-time search and point-in-time recovery.

BUaaS also offers customized reporting to track utilization metrics across the milCloud® 2.0 environment. For planning and billing purposes, mission partners can adjust their backup options based on their evolving needs.

Data Management & Backup Use Cases

Tape to Cloud	Tactical Edge
- Digitize tape in the cloud so data is secure and available - Ensure data is easy to find and searchable - Accelerate and simplify recovery	- Enable core-to-edge deployment - Replicate backups from edge-to-core - Benefit from flexibility and versatility

Learn more at **www.milcloud2.com** and contact **milcloud2@gdit.com** with any questions.