

# Axcient Chain-Free BCDR

## The Patented Foundation for Working Smarter, Not Harder

Axcient's proprietary and patented Chain-Free technology transforms the ease and efficiency of business continuity and disaster recovery (BCDR) management. Unlike legacy chain-based backup and disaster recovery (BDR), [x360's](#) Chain-Free modernization removes the productivity barriers that slow recovery and complicate daily tasks.

### Legacy Chain-Based BDR...

**In a traditional chain-based backup architecture**, each forward-facing incremental backup depends on the previous one. Due to the chain's dependent nature, there can be catastrophic data loss when undetected data corruption or a cyber-attack occurs. Because forward-chain-based backups depend on the previous incremental backup, all backups occurring after unforeseen data corruption or infection are unusable.

**To recover with chain-based backup**, a whole new chain must be started with another full backup and a cloud reseed. This can take days to complete and unnecessarily wastes resources, increases costs, and consumes precious storage.

Challenges of legacy chain-based backup:

- Risk losing everything before and after any data loss incident.
- Must solve for data bloat by over provisioning.
- Wasted time manually reseeding and consolidating.
- Unexpected storage overages and fees.
- Tiered pricing leads to unpredictable billing.

### ...Versus Modern Chain-Free BCDR

**Chain-Free backup starts off the same way as chain-based:** you do your first full backup, and you still do incremental backups, but that's where things change. Data is stored in a native virtualizable state with a pointer array algorithm to make each recovery point independent.

**When corruption or a cyber-attack occurs**, bad data blocks are isolated and can be independently deleted without any risk of breaking the data integrity of your backup data set. Previous backups can still be recovered almost instantaneously while taking new incremental backups to avoid data loss.

### Chain-Free Benefits for MSP Productivity and Rapid Recovery



No data loss.



Independent recovery points solve for data bloat.



No reseeding or consolidation is required.



Monitoring and alerting to storage corruption.



[Pooled storage at a flat fee](#) for all Axcient partners.



“The Chain-Free technology was one of the things that made me a lot more comfortable with Axcient. Effectively, the chain is just two pieces long: the most recent backup and the base image. That helps me sleep a lot better – knowing that I’m not dependent on 12, 20, or 35 files all working as they should in order to do a recovery. When it’s crunch time, you don’t want any of that uncertainty.”

**Patrick Salt**, Technology Architect at [Intelligent Technology Solutions](#) Seattle

## What’s Possible with Chain-Free BCDR

Axcient’s Chain-Free technology serves as the foundation for all of our BCDR products – x360Recover, x360Cloud, and x360Sync – making it possible to deliver various benefits unique to the rest of the channel.



### Flat-Free Pooled Storage

By eliminating duplicate data from being created, storage and data bloat are no longer a problem. There’s no risk of surprise overages, ample storage space requirements, or overprovisioning “just in case.” Instead, Axcient partners enjoy pooled storage at a flat fee per device or server according to our [Fair Use Policy](#), where most MSPs fall below the cap.

[Learn more.](#)



### Custom Retention and Compliance

With Chain-Free backups, each backup is entirely independent, so points of failure don’t increase with each backup, and there are no dependencies to break. Unlike chain-based backups, which must be maintained every 12 to 24 months and require annual reseeding, Chain-Free technology lets you easily meet multi-year compliance standards and shortens recovery time with always-available backup data.



### Near-Instant Recovery

With no dependency on chains, base images are not needed during restoration, there is no consolidation process, and no staging space is required. The recovery process is simplified by solving for the complexity of traditional chain-based backup, and MSPs deliver seamless business continuity for clients.



“Everybody else was as slow as molasses.”

The Axcient x360Recover for BCDR demo went better. “It was awesome. It blew our minds. We started a backup job on a Friday, thinking it would be done by Sunday, and it finished Saturday morning.”

**George Lakiotis**, CEO and vCIO of [Symmetric IT Group](#)

## The Only BDR Platform 100% For MSPs – Try x360 For Free

Start a no-cost trial today: [axcient.com/trial-signup](https://axcient.com/trial-signup)

### About Axcient

Axcient is an award-winning leader in business continuity and disaster recovery for Managed Service Providers (MSPs). Axcient x360 provides one platform for MSPs to Protect Everything™, and includes BCDR, Microsoft 365 and Google Workspace backup, and secure sync and share. Trusted by more than 5,200 MSP partners worldwide, Axcient protects business data and continuity in the event of security breaches, human error, and natural disasters.

# Axcient

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