

Smarter Protection Starts **With Knowing What You Have**

Turn visibility into unstructured data into shorter backup windows, lower storage costs, and faster recovery of what matters most.



The Challenge

Unstructured data continues to expand across primary storage, object platforms, and cloud repositories. Much of it is redundant, inactive, or over-retained, yet it is still protected at production-grade levels.

When protection scales with volume rather than value, organizations experience longer backup windows, increasing infrastructure demands, expanding recovery scope, and rising operational complexity.

Visibility Informs. HYCU Executes.

HYCU, powered by Congruity360 Enterprise Insights delivers clarity into unstructured data environments by identifying:

- Redundant, outdated, and trivial (ROT) data inflating protection scope
- Sensitive and regulated content requiring prioritized SLAs
- Inactive datasets consuming premium primary storage
- Growth patterns driving backup and cloud expansion

HYCU transforms this intelligence into operational advantage by aligning protection strategy to business value, recovery priority, and storage economics.

How HYCU Drives Value

- ✓ Shorter backup windows through reduced data footprint
- ✓ Improved restore performance with prioritized protection tiers
- ✓ Reduced replication traffic and infrastructure strain
- ✓ Consistent protection across primary, object (S3/S3-compatible), hybrid, and SaaS environments

Optimized Storage Economics

When low-value or inactive data is identified, organizations can reshape storage strategy without sacrificing resilience.

- Reclaim space from production-grade primary arrays
- Avoid costly primary storage expansion cycles
- Tier cold data to lower-cost object storage (S3 or S3-compatible platforms)
- Reduce long-term protection footprint and infrastructure growth
- Reallocate storage budget toward higher-impact business initiatives

HYCU continues to protect data consistently across tiers, ensuring recovery confidence even as storage becomes more cost disciplined.

Security & Resilience Benefits

- Reduced ransomware blast radius through disciplined data reduction
- Faster identification and recovery of mission-critical datasets
- Stronger governance alignment for regulated content
- More predictable RTO achievement

Ideal For Organizations Facing

- Escalating primary storage investment
- Backup windows exceeding operational limits
- Hybrid and multi-cloud modernization programs
- Ransomware preparedness initiatives
- Governance and regulatory scrutiny

The Outcome

Insight reduces waste. Tiering improves economics. Prioritized protection strengthens resilience.

HYCU operationalizes data intelligence into measurable performance improvement, storage optimization, cost discipline, and recovery confidence, enabling organizations to protect with precision and invest in outcomes that matter most.