DxEnterprise Quick Facts

Who We Can Help

IT Environment
- Any amount of SQL Server

Pain Points
- Availability & DR
- SQL & OS cost control
- OS & application lifecycle management
- Planned downtime too long or too often
- SQL Server/OS/virtualization sprawl
- Operational efficiency
- SQL Server management

What We Support

Any Infrastructure, Any Mix
- Physical, virtual, cloud servers
- Any edition Windows Server, 2008R2 +
- Any edition SQL Server, 2005 +

Product Features & Benefits

Highest availability with assured application performance
- Superior fault protection against infrastructure, OS, SQL Server instance, configuration and pilot errors
- Automated HA with application-based QoS
- Near elimination of planned downtime

Disaster recovery and resilience
- Lightest weight—only state is replicated
- Simple orchestrated multi-subnet DR—low RTO, any SQL Server edition, any infrastructure or cloud
- Tiered logic insertion points for dependency coordination and DR playbook automation

Infrastructure independence & easy full stack modernization
- No vendor or infrastructure lock-in
- Workload portability from any host, to any host—same application endpoint, no data migrations
- Simple OS, application and infrastructure modernization—at the speed of application restart

Highest efficiency
- Lightest weight mobility
- Most efficient consolidation—any infrastructure
- 6-click install—immediately mitigates lifecycle challenges

Cost savings
- 25-60% license savings, inclusive of DxEnterprise cost
- 8-15X reduction in OS count for SQL deployments
- Reclaim 1/3 of licenses for future use due to license efficiency

Agility
- No ecosystem lock-in, any infrastructure to any other
- Modernization done with application stop / restart
- Closest to zero downtime

How Do Other Options Compare?

Microsoft WSFC & Availability Groups

- Far more expensive for clusters of 3+ nodes or for DR deployments
- Everything must be like-for-like
- Complex setup and administration
- Can't cluster existing workload without migration
- Lengthy migration to move to new kit, OS, app version, etc.

VM HA

- Doesn't protect against OS, application, or pilot error faults
- Guest updates and upgrades incur extensive downtime
- Microsoft "Enterprise Edition tax" for HA, DR and unlimited virtualization
- (DxEnterprise can still layer on any guest OS)

Gartner Recognition

DH2i was named a "Cool Vendor in Servers and Virtualization" for 2015.

Gartner 2015
CoolVendor

FAQ

"I'm reluctant to use third party software."
DxEnterprise consists of just 5 Windows services and has no kernel-level components. DxEnterprise can quickly be uninstalled from any host without impact to running workloads on that node or across the cluster. This enables non-impactful testing in case of issues.

"Is it tested and proven?"
DxEnterprise is used by customers around the world, including Global 500, federal/state/local government, financial, healthcare and manufacturing organizations. DxEnterprise ensures availability of mission-and life-critical systems—all at a fraction of the cost and complexity of alternatives.

See expert lab evaluations:
- ESG lab: dh2i.com/esg-lab-validation
- SQL Server MVP Denny Cherry: dh2i.com/denny-whitepaper

"I don't have any new budget dollars outside of what's already committed to licensing."
Customers typically see a 25-60% reduction in license costs, including the cost of DxEnterprise. It often pays for itself upon deployment.

"I don't have any nodes available to test something new."
DH2i's sandbox lab environment provides an easy way to test drive the software before deciding whether to bring it in-house.

"How does DxEnterprise license?"
DxEnterprise licenses by the core.

"What vertical does DxEnterprise focus on?"
DxEnterprise is by no means vertical-specific, but the industries we have the greatest presence in are healthcare, financial services and government. Other than that DH2i has customers in legal, manufacturing, retail etc.

"How does DxEnterprise affect performance?"

Performance impact is extremely minimal. DxEnterprise only consists of 5 Windows Services with no kernel-level components at all. It is an extremely lightweight install of less than 8MB, so generally speaking you are getting all of the performance capability of the underlying infrastructure.