

## MAINFRAME DEDUPLICATION OFFERINGS COMPARISON

Mainframe Deduplication Product Offering	Luminex Channel Gateway with EMC Data Domain	IBM TS7680*	All Others*
Customer-Proven	<b>YES</b> Installed worldwide since 2006	<b>NO</b> GA 2/19/2010	<b>?</b>
Optimized Deduplication	<b>YES</b> DataStream Intelligence <sup>TM</sup>	<b>NO</b> Application-specific metadata extractors planned	<b>?</b>
Replication for Disaster Recovery	<b>YES</b> Concurrent with host-write and available for use and testing at DR without disruption at primary site	<b>NO</b> Preview feature with target release in 2H2010	<b>?</b>
Scalability for Bandwidth and Storage Capacity	<b>YES</b> FICON bandwidth and storage capacity can be scaled independently. No limits on FICON bandwidth and storage can be added non-disruptively.	<b>NO</b> ProtectTIER architecture relies on storage capacity as primary determinant of performance	<b>?</b>
Entry-Level Configurations	<b>YES</b> Scales from 1 channel and supports FICON or ESCON	<b>NO</b> Four-controller architecture (2 FICON controllers and 2 ProtecTIER servers) plus storage system. No ESCON.	<b>?</b>
Enterprise-Level Capabilities	<b>YES</b> Supports backup, archive and batch tape operations and can use multiple storage types. Flexible tape volume size. 8Gb/s FICON.	<b>NO</b> Designed for backup or non-replicated data. Does not have enterprise features of IBM flagship TS77xx product lines. Tape volume sizes are all 100 GB – no 8Gb/s FICON	<b>?</b>
Broad Mainframe Host Support	<b>YES</b> Supports all z/OS plus z/VSE, z/VM and OS/390	<b>NO</b> Supports z/OS 1.9 and higher	<b>?</b>

\* All data taken from publicly released documentation by offeror. Luminex believes that all information provided is accurate, but makes no representations or warranties concerning such information or that the documentation relied upon is the latest release from the offeror.

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