

# Many-to-One Replication for IBM ProtecTIER Deduplication Solutions



*Replication and deduplication combine to provide dramatic improvements in remote office data protection*

---

## Highlights

- High-speed, bandwidth-efficient replication of backup data from multiple remote sites to a central location
  - Protects all business data—not just mission-critical data
  - Quick recovery of data from high-speed disk enables applications to be brought back online faster, improving business continuity
  - Enhanced protection of data stored at remote offices or multiple data centers
  - Reduce costs associated with storing backup data and electronically transmitting data to a central location
- 

IBM® ProtecTIER® offers advanced native replication technology to automate the electronic replication of backup data between one or more data centers or remote offices to a central location for enhanced disaster recovery and business continuity. By eliminating the need to physically transport actual tape cartridges, data can be recovered faster and more reliably, enabling systems to get back online quicker in the event of a disaster or major system outage. It also lowers the total cost of ownership of backup and recovery by eliminating the costs associated with moving and storing physical tape cartridges.

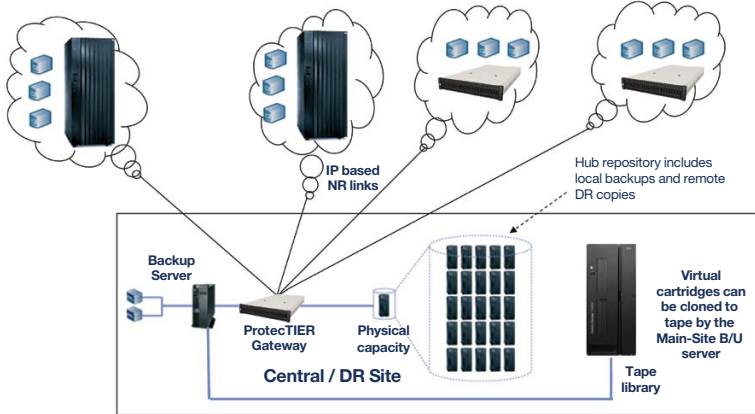
Bandwidth remains the most expensive component in most distributed IT environments. The patented deduplication technology offered by ProtecTIER dramatically reduces the amount of bandwidth required by only transmitting new, unique data to the remote location. This radically reduces the costs associated with electronically transmitting data and extends the benefits of replication to a larger portion of applications and data.

The cornerstone of any recovery plan is ensuring that all data has been protected and can be recovered when needed. ProtecTIER helps IT organizations prepare for a disaster by providing a safe, simple and affordable means of electronically transmitting backup data from remote offices or multiple data centers to a central location.





Up to 12 Branch Offices (spokes): Gateways and/or Appliances  
1 target (hub): Appliance, Gate way, single or two-node cluster



© Copyright IBM Corporation 2016

IBM Systems  
Route 100  
Somers, NY 10589

Produced in the United States of America  
February 2016

IBM, the IBM logo, [ibm.com](http://ibm.com), ProtecTIER, and Protect More. Store Less. are trademarks of International Business Machines Corp., registered in many jurisdictions worldwide. Other product and service names might be trademarks of IBM or other companies. A current list of IBM trademarks is available on the web at "Copyright and trademark information" at [ibm.com/legal/copytrade.shtml](http://ibm.com/legal/copytrade.shtml)

This document is current as of the initial date of publication and may be changed by IBM at any time. Not all offerings are available in every country in which IBM operates.

THE INFORMATION IN THIS DOCUMENT IS PROVIDED "AS IS" WITHOUT ANY WARRANTY, EXPRESS OR IMPLIED, INCLUDING WITHOUT ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND ANY WARRANTY OR CONDITION OF NON-INFRINGEMENT. IBM products are warranted according to the terms and conditions of the agreements under which they are provided.

Actual available storage capacity may be reported for both uncompressed and compressed data and will vary and may be less than stated.



Please Recycle

## For more information

To learn more about IBM ProtecTIER Deduplication solutions with many-to-one replication capabilities, please contact your IBM marketing representative or IBM Business Partner, or visit: [ibm.com/storage/tape](http://ibm.com/storage/tape)

Additionally, IBM Global Financing can help you acquire the IT solutions that your business needs in the most cost-effective and strategic way possible. For credit-qualified clients we can customize an IT financing solution to suit your business requirements, enable effective cash management, and improve your total cost of ownership. IBM Global Financing is your smartest choice to fund critical IT investments and propel your business forward. For more information, visit: [ibm.com/financing](http://ibm.com/financing)