



Data Protection Service Fact Sheet

How it Benefits Your Organization

Executive Summary

Data has become the most important asset in business today. Email, financials, operation manuals and client data are just a few examples of information that is used and gathered by businesses everyday. With the overwhelming reliance on operational and personal data, it seems obvious that businesses would incorporate data protection into their business operations. The truth is, today, most businesses have no business continuity or disaster recovery plan in place. Recent estimates show that only twenty five percent of small businesses are prepared for disaster. Unfortunately disasters do occur, and insurance companies can't recover your data.

Businesses that value their data use secure offsite data backup services to protect their data. Oracast's Data Protection Service offers the latest in backup technology, while emphasizing responsiveness to clients and their concerns.

Data Protection

Oracast's Data Protection Service (DPS) is simple, secure and reliable.

Simple

Oracast's Data Protection Service is a completely automated process. Once the DPS client has been downloaded and installed, select the files you want protected, choose the time and frequency you would like them transmitted to our offsite servers and you're done! Securing your data has never been so easy.

Secure

Oracast's Data Protection Service uses various encryption methods to encrypt files for secure storage on our offsite servers. The files are encrypted on your computer first, then transported to the designated backup server. This ensures data cannot be viewed by any third party attempting to steal your data. In addition, all files remain encrypted while stored offsite and also when they are restored. Once the restored files are received by the DPS client, the files are decrypted automatically.

There are three encryption algorithms available. All three algorithms have different key lengths and provide different levels of security.

- ❑ **Secure Blowfish:** The Blowfish algorithm uses a 448-bit encryption key and is the most secure of the available algorithms because of the long key length. This strength is comparable to military-grade encryption.
- ❑ **Triple-DES:** This algorithm uses a 192-bit key length and provides very strong protection. The Triple-DES algorithm was the encryption standard for the US Government for 20 years. This is stronger than the encryption used at banks.
- ❑ **DES:** This algorithm uses a 128-bit key length and provides strong encryption. The DES algorithm was the encryption standard For the US Government prior to the introduction of Triple-DES. This is typically the encryption strength used at banks.

+ About Oracast

Oracast is a results-driven technology firm that architects reliable solutions to help companies increase revenues, reduce costs and add value.

+ For more information

Ryan Deacon
403.444.7773
ryan.deacon@oracast.com

Jes Herman
403.444.7773
jes.herman@oracast.com

www.oracast.com

Outstanding results, as promised, every time.



Reliable

Oracast's Data Protection Service is a completely automated system that continuously protects your data, archives it in a secure, offsite data center and makes it immediately available for recovery 24 hours a day. Now you can expect 100% reliable backup and recovery for your business while eliminating the risks of human error, natural disasters and malicious attacks.

Data Recovery

The most important aspect of data protection and business continuity is the ability to quickly and easily recover your data. Oracast's Data Protection Service is designed to minimize downtime and provide accurate restoration.

Minimize Downtime

Oracast's Data Protection Service is quick and simple. With a few clicks of the mouse-button, your data can be recovered in a matter of minutes; depending on the size and type of your files. When recovering files, you have the choice of extracting them to their original location, or a new location; making it simple to rebuild the original file structure. Our goal is to have you back to work in no time.

Accurate Restoration

If you have ever lost data and needed to recover due to a failed tape backup or hard drive crash, you'll love this service. Oracast's DPS is an internet-based backup system that is much more reliable than most tape or CD/DVD backups. A major risk of those 'physical' backup systems is that even when all indicators point to successful backups, the restores fail because of human error or bad media. You will rest easy at night knowing that you'll never have to manually protect your data again.

More Than Just Disaster Recovery

Deleting a file accidentally or opening a document only to find that it has become corrupt is just a reality of working with computers. Restoring all of your lost data is one aspect of data protection. The ability to retrieve many versions of a specific document is a tremendous benefit of the Oracast Data Protection Service. There is no need to fumble around with 30 days of tapes or CDs to find the right file. Instead, just choose the file you want to restore and select the date from the list of backups and you're done. Our friendly and knowledgeable staff are also available to guide you in the event of an emergency.

Support

We take support seriously. Oracast's goal is to always create a positive experience for our customers by hiring intelligent people, training them well, and instilling the importance of treating people with courtesy and respect. Some of our technical support features are:

- Free technical support
- Free 24/7 emergency support for restores
- Knowledgeable staff

In the event of a disaster or data loss, you'll be glad Oracast's DPS is part of your team. Restores are automatically escalated to the highest priority, and our experts will be standing by to assist if you need help.

If requested, Oracast's on-site data protection specialists are available to help with any aspect of your data protection strategy and process.

+ About Oracast

Oracast is a results-driven technology firm that architects reliable solutions to help companies increase revenues, reduce costs and add value.

+ For more information

Ryan Deacon
403.444.7773
ryan.deacon@oracast.com

Jes Herman
403.444.7773
jes.herman@oracast.com

www.oracast.com

Outstanding results, as promised, every time.



FastBIT Technology

Oracast's DPS client uses a special Fast Binary Incremental Technology (FastBIT) process, making it a powerful and unique solution. This FastBIT technology provides the ability to extract the actual changes that occur within files. By extracting the changes and only sending these changed portions of the files, the overall backup time is significantly reduced. In many cases, a FastBIT backup reduces the amount of data that must be sent to the server by 85%-99%.

Key Benefits

- Instant, off-site backup and recovery to prevent disasters
- Fully automated after initial setup to reduce human error
- FastBIT technology to reduce storage and increase speed
- 443-bit encryption keeping your data secure
- Rapid recovery 24x7 ensuring peace of mind
- Email notifications to keep you up to date
- No capital investment required for physical storage devices
- Greater reliability ensuring your data is never lost
- Simple to use saving you time
- FREE support to make sure that your questions are answered

Call Today and Backup Tonight!

For more information please contact an Oracast sales representative.

+ About Oracast

Oracast is a results-driven technology firm that architects reliable solutions to help companies increase revenues, reduce costs and add value.

+ For more information

Ryan Deacon
403.444.7773
ryan.deacon@oracast.com

Jes Herman
403.444.7773
jes.herman@oracast.com

www.oracast.com