



Don Viar
Managing Partner

If You Believe a Tape is a Safe Way to Backup Your Company's Data... Think Again!

*Don Viar of Epic Technologies
Discusses The Benefits and Security of
Remote Data Storage*

COOKEVILLE, NASHVILLE,
KNOXVILLE – June 30, 2009 – What
will happen to your company if you lose
your valuable data? How will it affect
your revenue? Employee productivity?
Customers? These are serious questions
every business owner needs to ask
because losing your data will determine
your survival or immediate demise.

Organizations of all sizes are
generating and depending on larger
amounts of data that must be readily
available and easily accessible. This
growth in data results in an ever-
increasing data footprint - meaning more
data is being generated, copied, and
stored for longer periods of time.
Consequently, companies have to
effectively manage more infrastructure
resources, including servers, networks,
and storage, to ensure data is protected in
a timely manner while at the same time
providing adequate performance and
capacity and securing data for access
when needed.

Do you store your data on a daily
basis? Unfortunately, most companies
cannot answer yes to this question.
Events like disk crashes, server
corruption, viruses and natural and
human disasters can take your business
permanently offline. According to a
survey conducted by *Continuity Insights*
magazine, KPMG Risk Advisory
Services, and The Hartford's Guide to
Emergency Preparedness, more than
25% of all businesses experience a
significant crisis in any given year – of
those that do not have a data recovery
plan, 43% will not re-open. It's even
scarier to learn that today's most popular
data storage method is to backup vital

information on a data tape and let the IT
manager take it home for safe keeping.

A new inexpensive method that's
substantially more secure and seeing a
rapid increase in demand is remote data
backup. The remote system backs up
files from the attached hard drive to a
remote data center through the Internet.
The system minimizes the amount of
data transferred to ensure efficiency.
After the first backup only the actual
changes made to each file are transferred,
rather than an entire file where only a
few bytes may have changed. The data
is then sent through an encrypted secured
shell (SSH) connection for safety.

Backups are typically set to start
every night at a random time typically
between 1:00 and 3:00 am. The speed of
an organization's WAN connection and
size of data transmitted will determine
the length of time to complete the remote
storage process. Subsequent daily
incremental backups will take much less
time because only the changes will be
reflected. In order to prevent long
running backups from interfering with
normal Internet usage during business
hours, quality of service (QoS) can be
configured to reduce the priority of
backup relative to other data or limit the
allocated bandwidth.

By default, the system will email a
weekly report to the email address
designated for the company's technical
contact. The report summarizes the
amount of data backed up each day, time,
and total storage space used.

There are a number of products in
the market that offer remote data storage;
however, very few include additional
features such as site-to-site VPN
capability for secure communications,
firewall protection backed by 24x7
technical support, secure WiFi to
enhance wireless Internet connection and

network performance tuning that
optimizes VoIP and data traffic on a
broadband connection.

As we all know, a company's most
important intellectual property is their
data. Therefore, as you evaluate your
existing or potential business
communications partner, make sure you
ask about remote data backup as well as
other features associated with it. A deer
in the headlight response is a good
indicator that it's not included in their
bag of tricks.

ABOUT EPIC TECHNOLOGIES

Epic Technologies is one of the
leading providers of business
communication solutions in the United
States. Built upon a network of strategic
relationships with clients and vendors,
Epic has quickly grown to be a trusted
business partner for complex voice, data,
nurse call, and network infrastructure
solutions. We build relationships as a
trusted business partner with each of our
clients and exceed their expectations,
knowing that we will succeed when our
partners succeed.

Epic knows how to empower
complex business needs through the
innovative use of technology to
maximize the return to the client's
bottom line. While we work in a wide
variety of industries and organizational
sizes, we have a particular expertise in
medium and larger sized organizations
with a particular emphasis on healthcare,
education, and service oriented
companies. Call us today (866-525-
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