

The Ascend Hybrid Cloud Solution

a DynaSis 
blue paper

In our DynaSis Blue Paper®, “Meeting the Small Business Technology Challenge,” we identified six critical priorities small business owners are looking to address in their IT infrastructures. These are:

- Keeping your systems updated with the latest technology,
- Ensuring the security of your most critical data,
- Allowing your employees to work remotely,
- Providing for backup and disaster recovery,
- Holding maintenance and upgrade costs within planned budgets, and
- Minimizing the time that managing IT takes away from running your business.

Ascend is designed specifically to help small businesses address all six of these technology priorities. And it does so by letting companies who may not be ready to move fully to the Cloud still take advantage of many of the benefits of Cloud Computing.

We've all heard a lot about Cloud Computing lately. And it's true that moving your data and systems to the Cloud can dramatically reduce costs. It's highly scalable, universally accessible, and provides for automated backups and upgrades. If you're not already familiar with Cloud Computing, you may want to read some of the other DynaSis Blue Papers© in this series. These explain what Cloud Computing is, discuss its benefits, address concerns you may have, and describe the ITility Hosted Cloud Solution which DynaSis also offers.

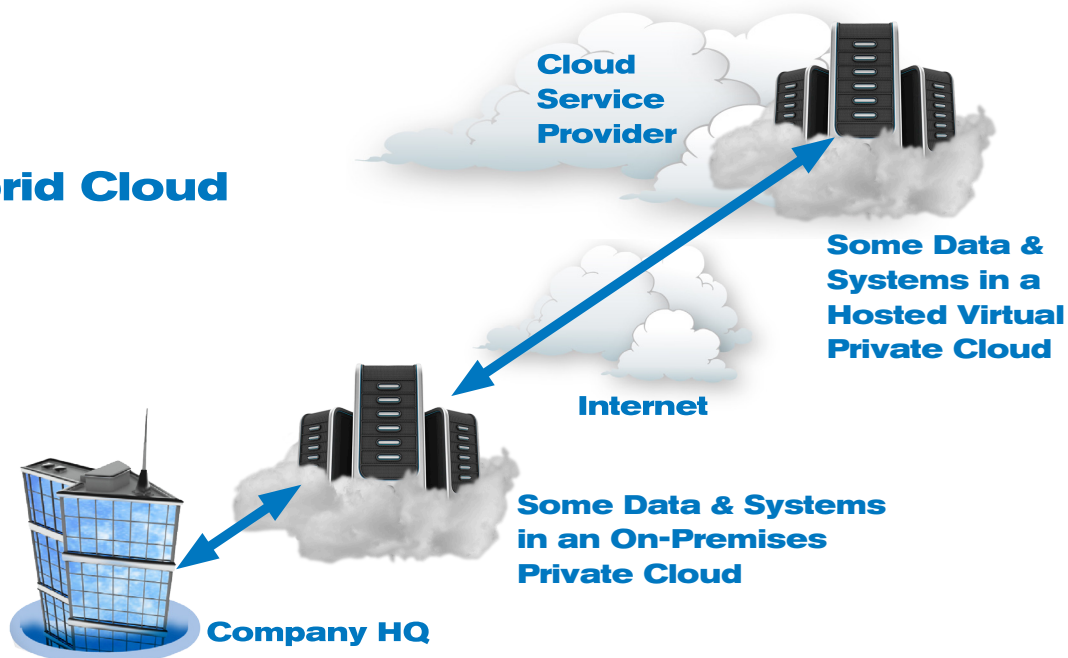
But, the public cloud isn't necessarily the best choice for every small business. Leading cloud service providers, such as DynaSis, understand that some companies may need to keep key systems or data on-site. This requirement may stem from having specialized legacy applications installed in-house or it could result from having highly confidential data which a business is reluctant to process off-site.

Ascend lets you keep critical systems and data at your location while leveraging the power of Cloud Computing for certain aspects of your infrastructure which can be managed more effectively and securely off-site. It does this by using a hybrid cloud solution. For small businesses that require a high level of security and control, a hybrid cloud solution can be a very attractive option.

A hybrid cloud combines the high-security and comfort level of an on-site IT infrastructure with the versatility of cloud computing. In a hybrid cloud, an organization can keep sensitive data secured on their own network while taking advantage of a cloud's scalability, accessibility, backup, and disaster recovery.

For the many small businesses looking to gain the advantages of Cloud Computing but not ready to move their infrastructure entirely to the Cloud; one of the best options is DynaSis' Ascend Hybrid Cloud service.

Hybrid Cloud





The Ascend Core Solution starts by providing a completely new on-site hardware and software infrastructure, with no large upfront investment required on your part. This infrastructure includes:

- **Virtualized servers for scalability,**
- **Super fast network switches to speed up the flow of your data,**
- **Industrial grade security,**
- **Data backup and disaster recovery,**
- **Secure Email via Microsoft Exchange,**
- **The Ascend Virtual Office for Remote Access, and**
- **The proactive maintenance needed to keep you up and running**

– all for one low, fixed monthly fee.

It's important to emphasize some key aspects of Ascend:

- **First, DynaSis installs the right sized infrastructure to run all your proprietary, legacy, and line of business applications fast and efficiently.**
- **Second, DynaSis keeps that infrastructure up to date with the latest technology. This way you won't have to make recurring capital expenditures every three or four years.**
- **Third, your data and intellectual property are your competitive advantage, but most small businesses don't have security as a core competency. So Ascend also includes intrusion detection, an antivirus solution, Virtual Private Networks (or VPN's), firewalls, and encryption where needed. This managed security solution provides additional safety and helps to keep your network and servers from being harmed by malicious attacks.**

Ascend Benefits Checklist

Let's see how Ascend stacks up against the checklist of small business technology priorities we laid out earlier:

1. Keep technology up-to-date

Ascend provides a complete, on-site IT infrastructure for a low, fixed monthly fee, and it keeps that infrastructure up to date with the latest technology.

2. Maintain high security

Your primary legacy systems and data processing remain on-site and are protected by DynaSis' advanced security technologies.

3. Let employees telecommute

You and your employees can securely access your data and systems from the office and from wherever else you have Internet access.

4. Effective backup and disaster recovery

DynaSis will automatically and securely backup your data to their world class cloud infrastructure.

DynaSis (www.DynaSis.com) asked Business Technology Futurist Jack Shaw (www.e-com.com) to write this series of White Papers discussing issues in Information Technology and Cloud Computing and their implications for small businesses. For the past 30 years, he has worked with leading edge technologies – from PC's to the Internet. For many years now, he has been working with, studying, and analyzing the business impact of the technologies we now know as Cloud Computing.

This paper describes the Ascend Hybrid Cloud Solution which DynaSis offers to help your business gain many of the advantages of Cloud Computing while ensuring that your on-site systems and data remain secure and confidential. Others in this series convey some of the Information Technology challenges faced by small businesses, explain what Cloud Computing is, discuss the benefits of Cloud Computing, explore the various kinds of Cloud Computing, address concerns you may have about Cloud Computing, and describe the ITility Hosted Cloud Solution which DynaSis also offers to help your business gain the full advantages of Cloud Computing. Much of the content of this series of White Papers is also available in video form at <http://www.dynasis.com/cloud-hosting/videos/>.

5. Control costs of maintenance and upgrades

DynaSis remotely monitors, and maintains your infrastructure from their network operations center, and provides 24 x 7 x 365 support from the DynaSis helpdesk.

6. Minimize time needed to manage IT

Finally, because DynaSis manages the entire infrastructure for you – both on-site and in the Cloud, it minimizes the time you need to spend on your technology. This lets you get back to doing what you do best – running a profitable business!

If your business needs to cut costs while enhancing quality, increase productivity while responding quickly to the needs of your market, all the while ensuring that your systems and data are secure and confidential, Ascend may be just the right solution for you. Call DynaSis today to find out.

**DynaSis Can Help You
Gain the Benefits of Cloud Computing.
To Learn More,
Call DynaSis Today!
(678) 373-0716**

DynaSis