

## WHAT IS THE CLOUD?

The highly secure Microsoft® Azure based UPsafety® Cloud is an easy to use, online, all-in-one back office solution that allows ToCite and ForCite Mobile to synchronize issued ticket or citation data, images, notes, and all other collected data directly from the field to the Cloud securely and efficiently.

## HOW DO I KNOW IT'S SECURE?

United Public Safety and all of our partners utilize state of the art security such as SHA-2, (designed by the National Security Agency for data encryption), STS Secure Token Service (security for user information), PCI DSS Auditing (for credit card transactions), Federal Information Security Management Act (FISMA), and our Cloud has obtained the ISO/IEC 27001:2005 certification for Information Security Management. Our cloud and mobile devices are FIPS Compliant.

## IS THE CLOUD MORE SECURE THAN MY OWN NETWORK?

***“The major cloud providers have invested a lot more in data security than you ever could.”\****

We utilize the Microsoft® Azure Cloud. Our Cloud utilizes the Microsoft Global Foundation Services (GFS) data centers. The data center is physically secured with fire, flood protection, high security locks, closed circuit cameras, biometric devices, electronic ID card readers and alarms. All access is secured with positive ID Access Control Lists.

### FOR EXAMPLE:

If the ToCite® software was only on YOUR computer, what would happen if it became the victim of a virus attack? Our cloud protects your data in ways you never could...

Not only is the cloud more secure than your computer, upgrades are easier and you can access your information from any computer with an internet connection.



## A PARTNERSHIP YOU CAN TRUST

Once you sign our EULA, you don't need to give us any other information to remain secure on our cloud.

We aim to give our customers the type of security that WE require. Our high standards keep your information and our partnership, safe from harm.

## Security features of the Microsoft Azure Cloud:\*\*

- Physical security of the data centers (locks, cameras, biometric devices, card readers, alarms)
- Firewalls, application gateways and IDS to protect the network
- Access Control Lists (ACLs) applied to virtual local area networks (VLANs) and applications
- Authentication and authorization of persons or processes that request access to data
- Hardening of the servers and operating system instances
- Redundant internal and external DNS infrastructure with restricted write access
- Securing of virtual machine objects
- Securing of static and dynamic storage containers
- ISO/IEC 27001:2005 Certification for Information Security Management

## UPsafety added security features for an additional layer of security:

- SHA-2 256-bit SSL Encryption
- VeriSign Certificates
- FIPS Compliant
- PCI DSS Compliant

## Other companies on the Microsoft Azure cloud:\*\*\*

- Nasa
- Fujitsu
- General Mills
- LexisNexis Group
- many more...

Sources:

\*<http://www.flyingsolo.com.au/technology/cloud-technology/cloud-computing-security-why-the-cloud-is-safer-than-your-desktop>

\*\*<http://www.windowsecurity.com/articles/Microsoft-azure-security-Cloud.html>

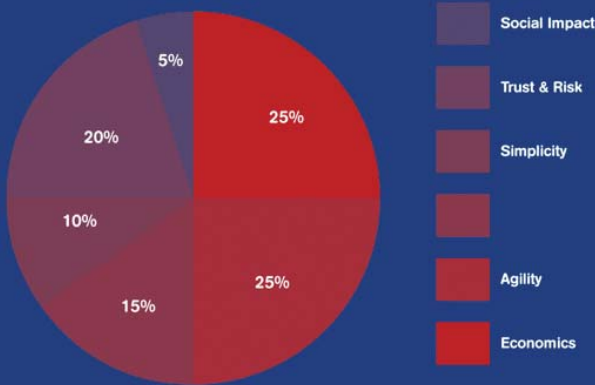
\*\*<http://www.windowsazure.com/en-us/home/case-studies/>

# Heads in the Clouds:

## Microsoft & the Current State of Cloud Computing

### Economics of the Cloud

Why are Businesses Using Cloud Applications?



### Microsoft's Azure Cloud Computing

10,000 customers are currently running Microsoft Azure.

50% of customers run application as replacements for on-site/on-premises software.



Sources:  
<http://www.pewinternet.org>  
<http://www.processor.com>  
<http://www.zdnet.com>

Source: <http://softwarestrategiesblog.com/>

## MORE ABOUT THE CLOUD

There is a wealth of information on the internet about cloud computing (more than we could ever put here). So if you thirst for knowledge, here are a few great articles and links that help explain what cloud computing is and why it's becoming increasingly popular for businesses and organizations large and small.

[http://www.nasuni.com/blog/50-how\\_cloud\\_storage\\_works](http://www.nasuni.com/blog/50-how_cloud_storage_works)

<http://csrc.nist.gov/publications/nistpubs/800-145/SP800-145.pdf>

<http://softwarestrategiesblog.com/>

[www.cloudtweaks.com](http://www.cloudtweaks.com)

"The fact is that most reputable cloud companies have an elastic and automated infrastructure backed up by a team of security professionals. This is something that very few organizations have. Their infrastructures are increasingly more complex. In this complexity, though, lies much safety. The complexity makes it difficult for a hacker penetrating a cloud infrastructure to discover its resources and conventions."

Source: <http://www.wired.com/cloudline/2012/03/cloud-security/>



Source: <http://www.cloudtweaks.com/2012/02/the-lighter-side-of-the-cloud-transformation/>

**For more information on the UPSafety Cloud, contact us today at**  
215.394.1906 / [sales@upsafety.net](mailto:sales@upsafety.net) / [www.upsafety.net](http://www.upsafety.net)