

Making World Class Cloud Security The Rule Rather Than the Exception

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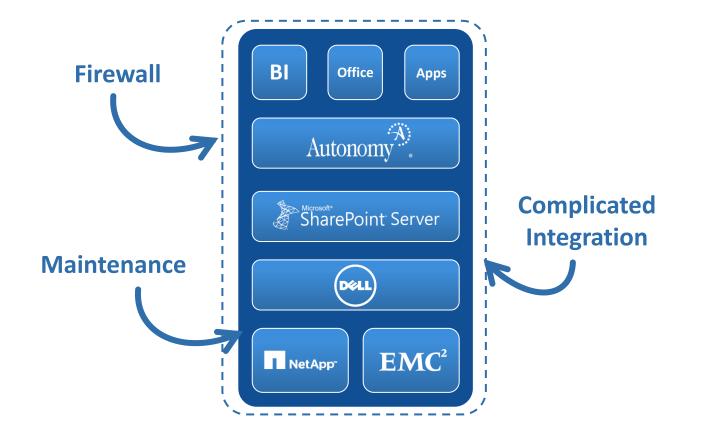
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The simplest way for businesses to share, manage, and access content anywhere.



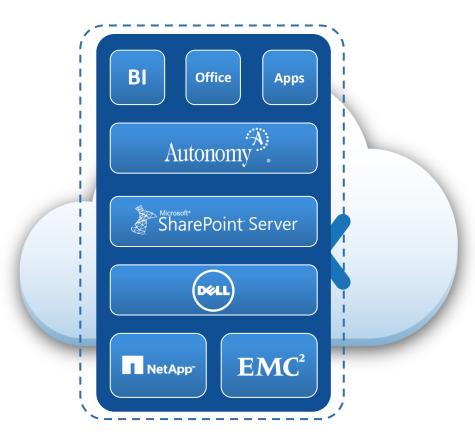


Traditionally IT had to manage all this





And now just manages this







Who Uses Box?

- 82% of the Fortune 500
- 100,000 Active Businesses
- 9M+ users, everywhere in the world





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"

I CAN'T

...GET TO MY INFORMATION ...INTEGRATE MY APPS ...SHARE OUTSIDE THE ORG ...SEE WHAT'S BEING DONE

"







\$250B on Enterprise Software Annually

- Slow innovation: 3 year product cycles
- Expensive and costly to deploy
- Not built for the way we work today





1.8 trillion gigabytes projected to be created and replicated this year alone.

- IDC/EMC





91% of enterprises think high cost of ownership is a significant problem.

- Forrester





62% of organizations experienced IT projects that failed to meet their schedules.

- Dynamic Markets

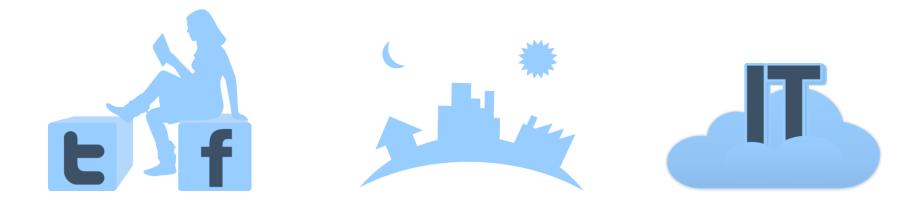




This no longer works.







New Worker New Workplace New IT





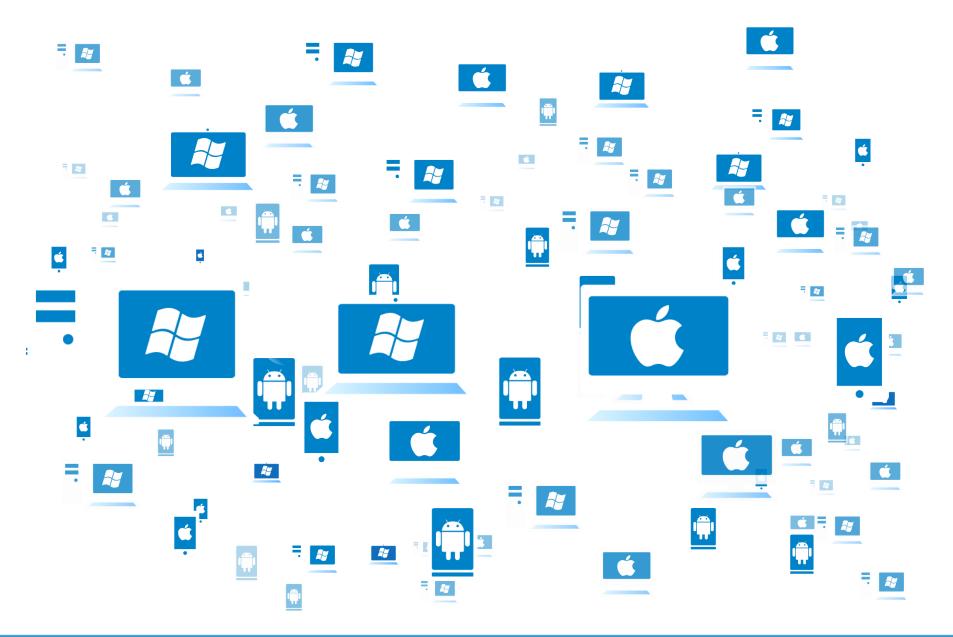
We're not in a Windows world



500M 175M+ 250M+ 75M+









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Which means IT supports a wider range of platforms than ever before.





More Platforms = More Vectors





"The goal can't be to throw out all the world's software and start again."

- Steve Ballmer

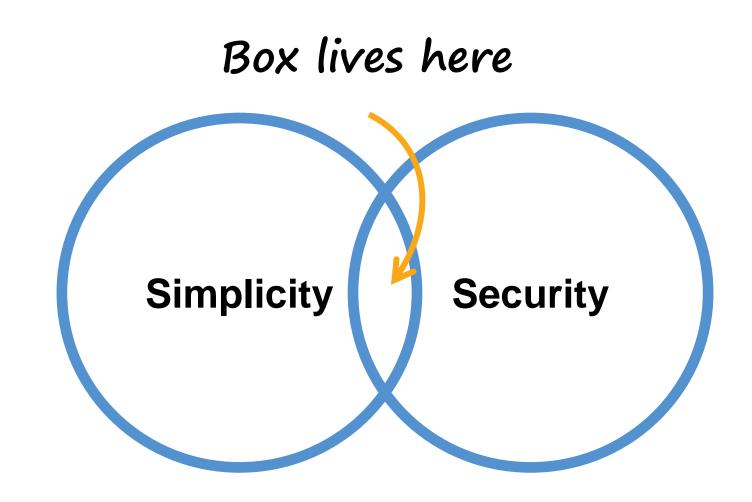




Well, what if we did?











If you can't standardize the device, you need to secure the data.





Which means the problem gets pushed out to the cloud.



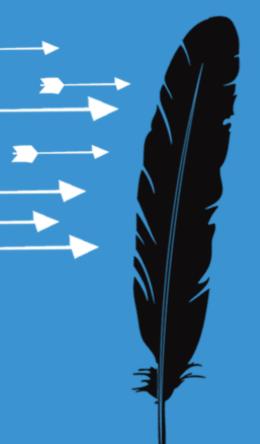


Which means end-to-end security









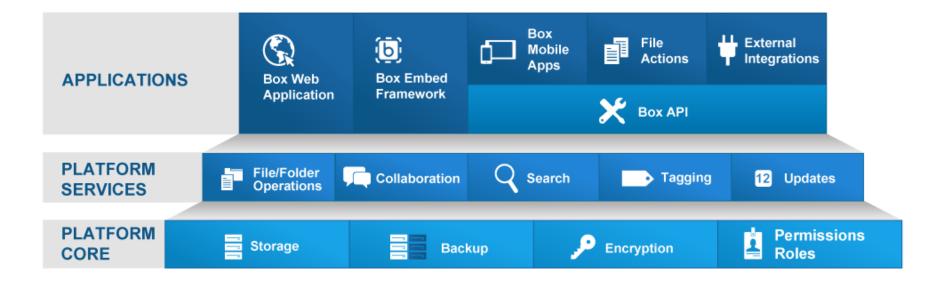
Jason Hengels VP Security, Box

The power of the cloud is realized only when the complexities of the cloud itself are hidden.





Behind the scenes the cloud is complicated...







There is a common set of problems that cloud providers need to solve in order to make world class cloud security the rule rather than the exception.





Problem #1

Cloud App Sprawl





User management is too difficult:

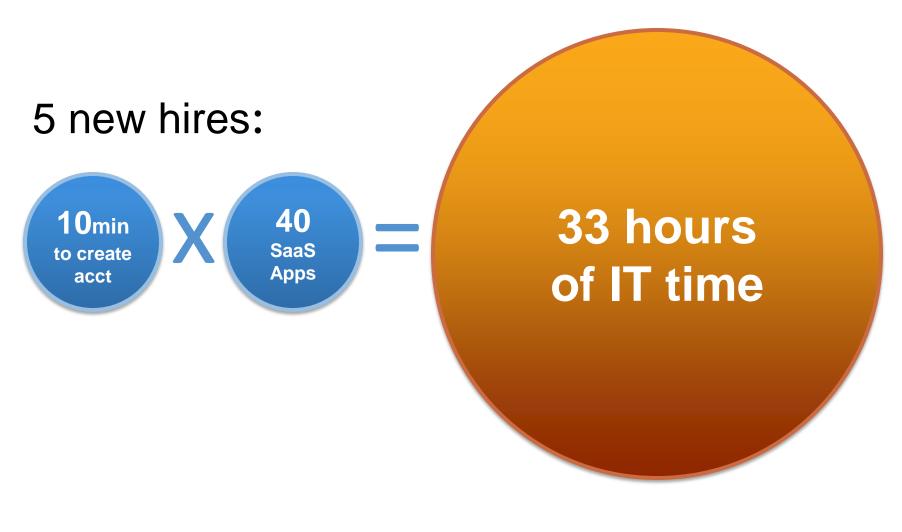


1600 User Accounts





...and it takes too long.





Each cloud app has its own password complexity & account lockout scheme(s).





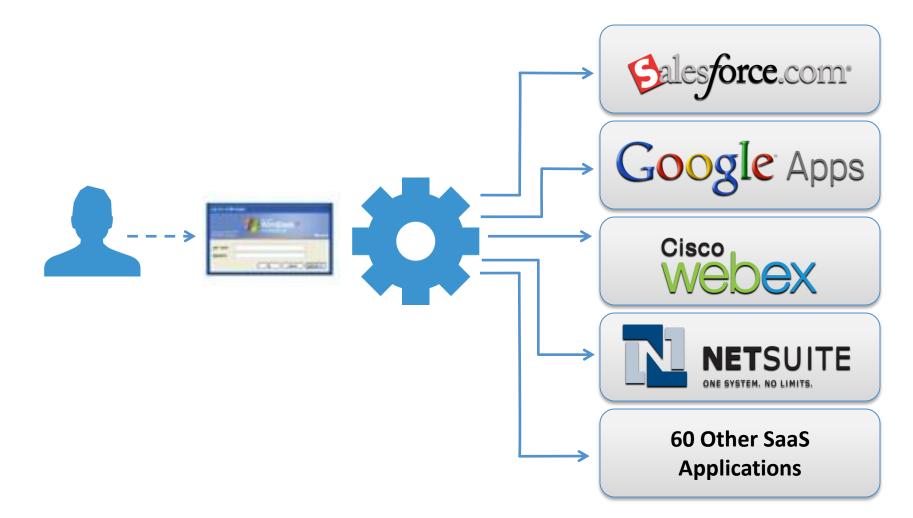
No emergency cut-off.







SSO makes cloud app sprawl manageable.





Problem #2

Multi-tenancy





Multi-tenancy means there is always a risk of exposing data to the wrong party.





Exposing data in a multi-tenant system can be as simple as accidentally declaring a variable as 'static'.



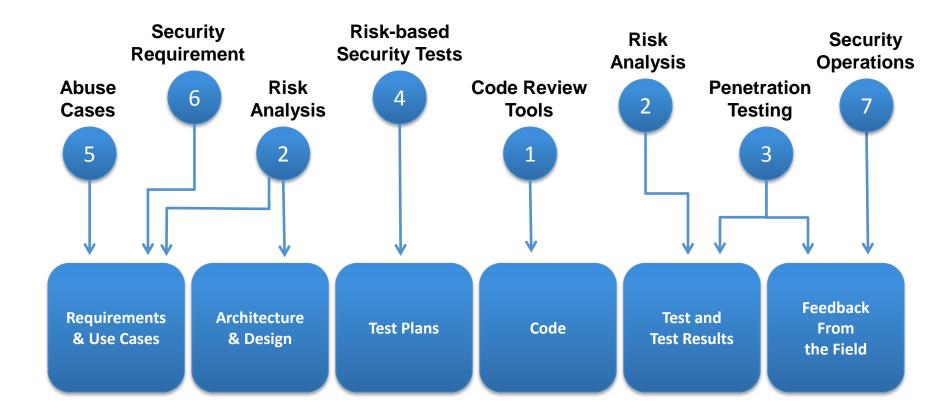


Preventing data exposure in multi-tenancy systems requires a mature Software Development Lifecycle (SDLC).





Implement a mature Software Development Lifecycle.





Problem #3

Security Transparency





It's hard to know how secure a cloud provider is.





Why can't I just assume my data is safe?





Compliant

Secure





Cloud providers need to maintain a penetration testing environment.





Problem #4:

Compliance





Most cloud providers aren't compliant enough to meet customers' needs.





Bite the compliance bullet.







PARTICIPATE !





cloud security alliance™







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Cloud providers must:

- Demonstrate security in simple ways:
 - Support SSO
 - Have a mature SDLC
 - Be transparent; let people test their security
 - Be reasonably compliant
 - Participate & keep up with the industry
 - Come talk to us at Box
 - security@box.com
 - jhengels@box.com



