

Moving from Reactive to Proactive Security

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Professional Strategies – S11



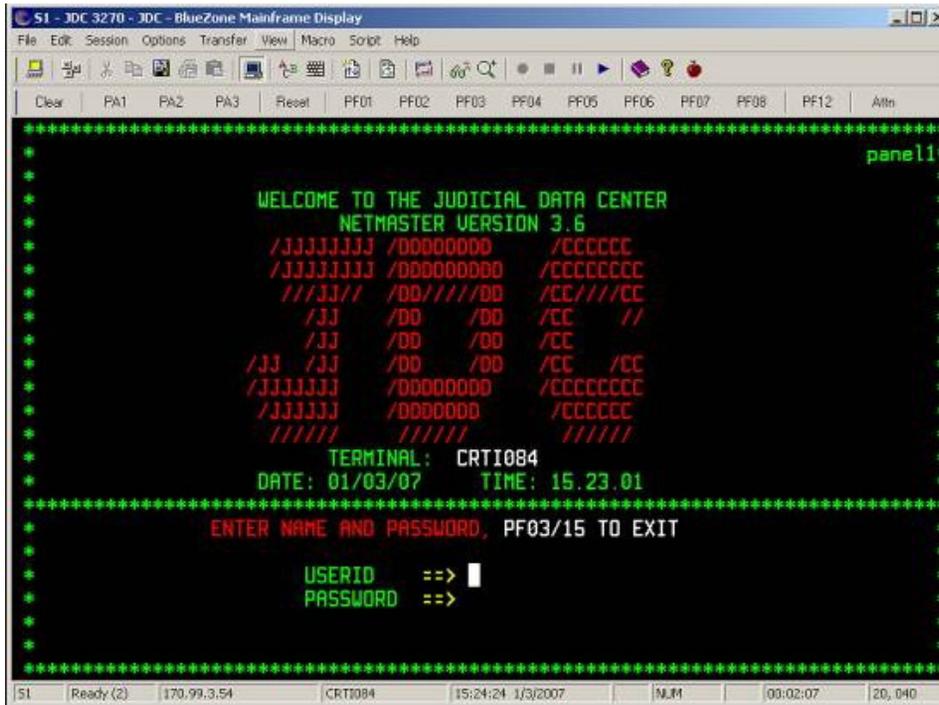
CRISC
CGEIT
CISM
CISA

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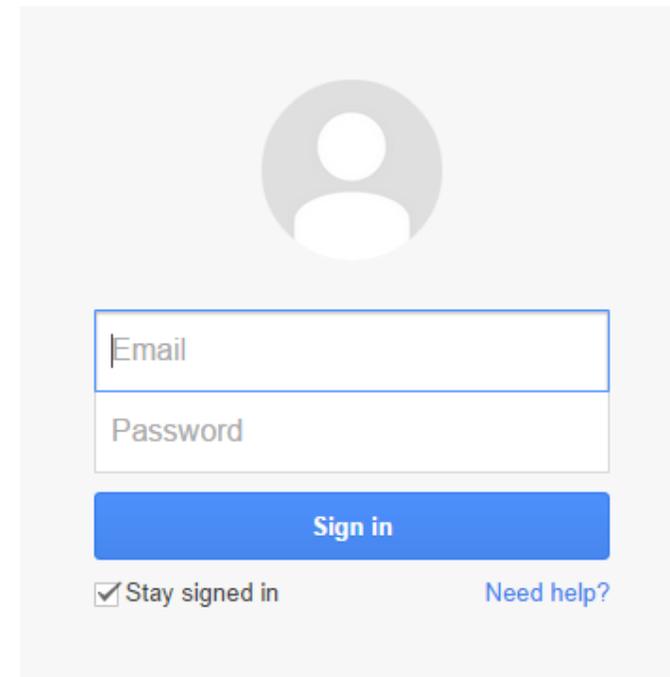
Traditional Security



2014 – We are still using passwords...



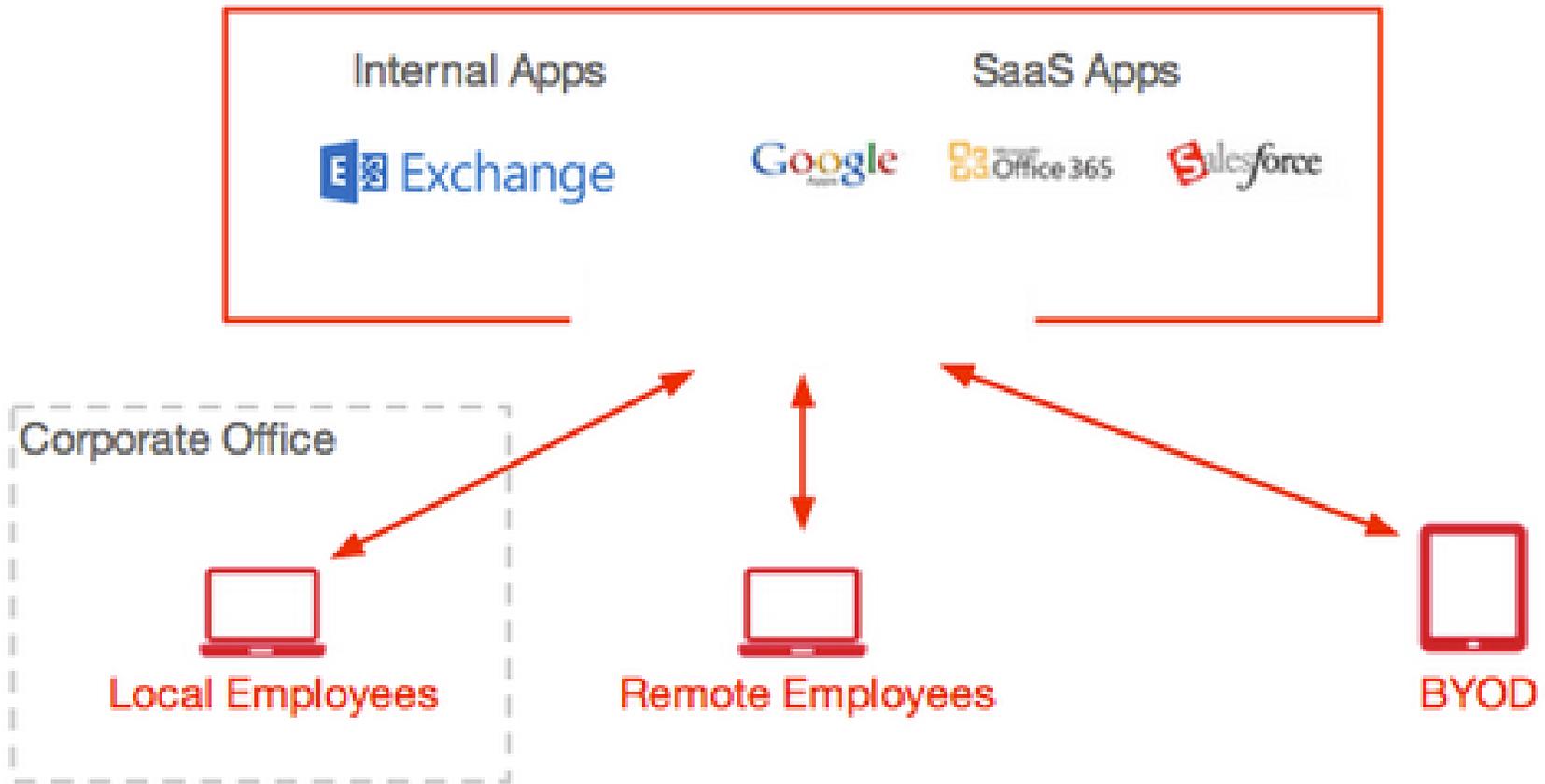
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S1 - JDC 3270 - JDC - BlueZone Mainframe Display
File Edit Session Options Transfer View Macro Script Help
Clear PA1 PA2 PA3 Reset PF01 PF02 PF03 PF04 PF05 PF06 PF07 PF08 PF12 Attn
***** panel1 *****
*
* WELCOME TO THE JUDICIAL DATA CENTER
* NETMASTER VERSION 3.6
* /JJJJJJJ /DDDDDDD /CCCCC
* /JJJJJJJ /DDDDDDD /CCCCCCC
* ///JJ// /DD///DD /CC///CC
* /JJ /DD /DD /CC //
* /JJ /DD /DD /CC /CC
* /JJ /JJ /DD /DD /CC /CC
* /JJJJJJJ /DDDDDDD /CCCCCCC
* /JJJJJJ /DDDDDDD /CCCCC
* ///// /////
*
* TERMINAL: CRTI084
* DATE: 01/03/07 TIME: 15.23.01
* *****
* ENTER NAME AND PASSWORD, PF03/15 TO EXIT
*
* USERID ==>
* PASSWORD ==>
*
*****
S1 Ready (2) 170.99.3.54 CRTI084 15:24:24 1/3/2007 M.M 00:02:07 20,040
```



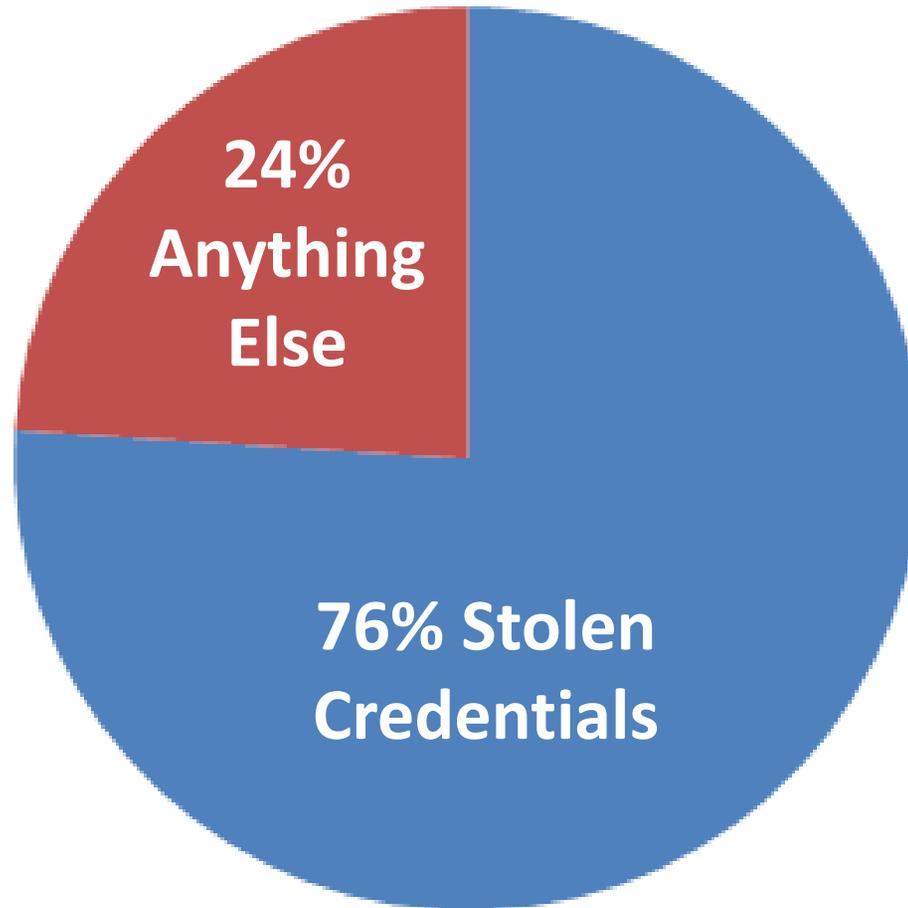
Modern web login form with a placeholder for a user profile picture, an email input field, a password input field, a blue "Sign in" button, a checked "Stay signed in" checkbox, and a "Need help?" link.

Difference Today?

Everything is remotely accessible



Most Breaches Involve Stolen Credentials



Verizon Breach Report 2012

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APT?

Not so advanced...

- Phishing against HVAC supplier
- HVAC -> Target corp. network
- Default credentials on internal systems
- POS Malware written by a Russian teenager
- Exfiltration over FTP



New Security Perimeter



Cloud – Mobile - BYOD

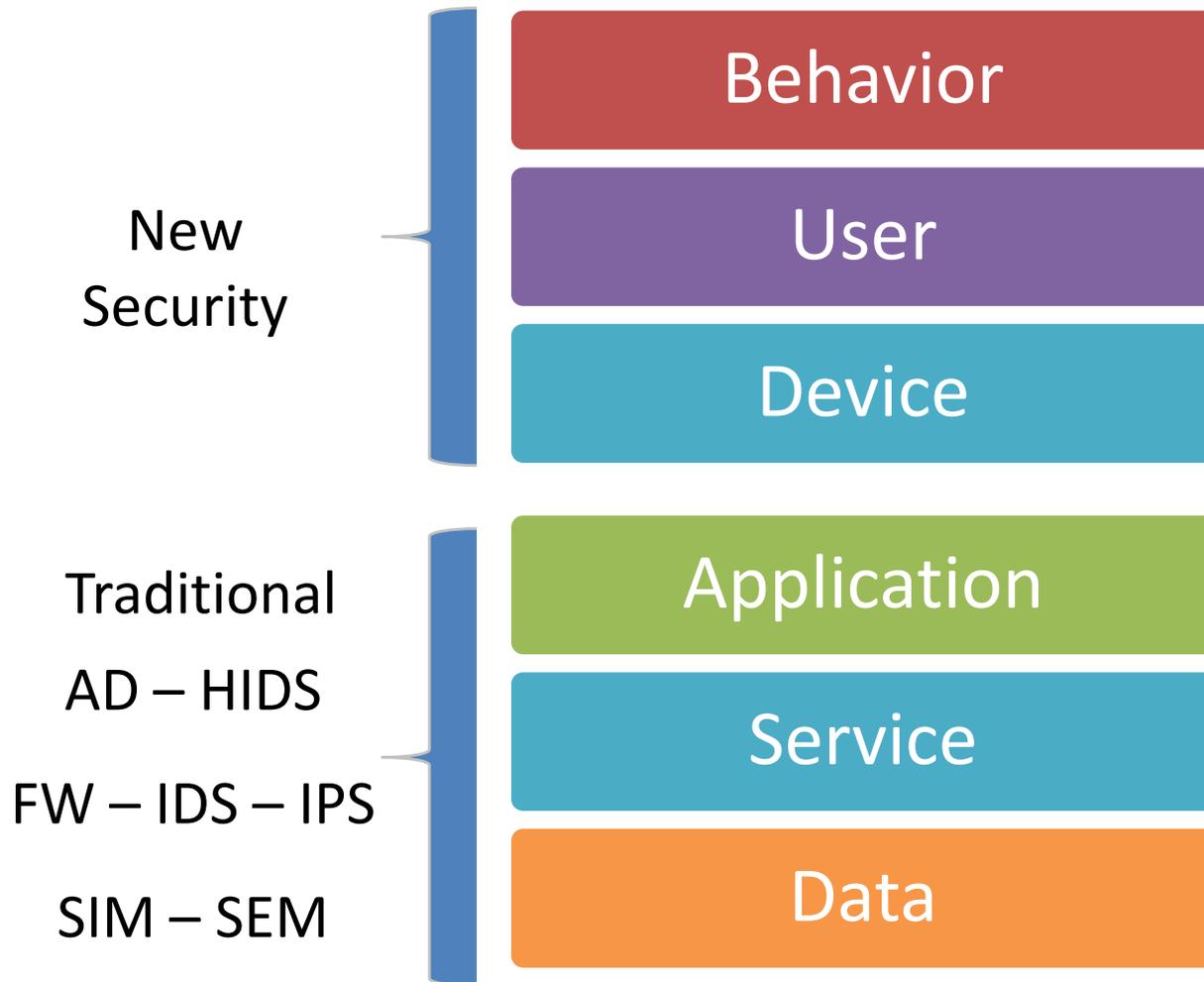
Focus on User Targeted Attacks

Users: Access from Anywhere / Zero-trust Environment
>> Targeted attacks / Fishing

Devices: Mobile / BYOD
>> Mobile threats

Services: Diminishing perimeter / SaaS – IaaS – Cloud
>> Loss of visibility & control

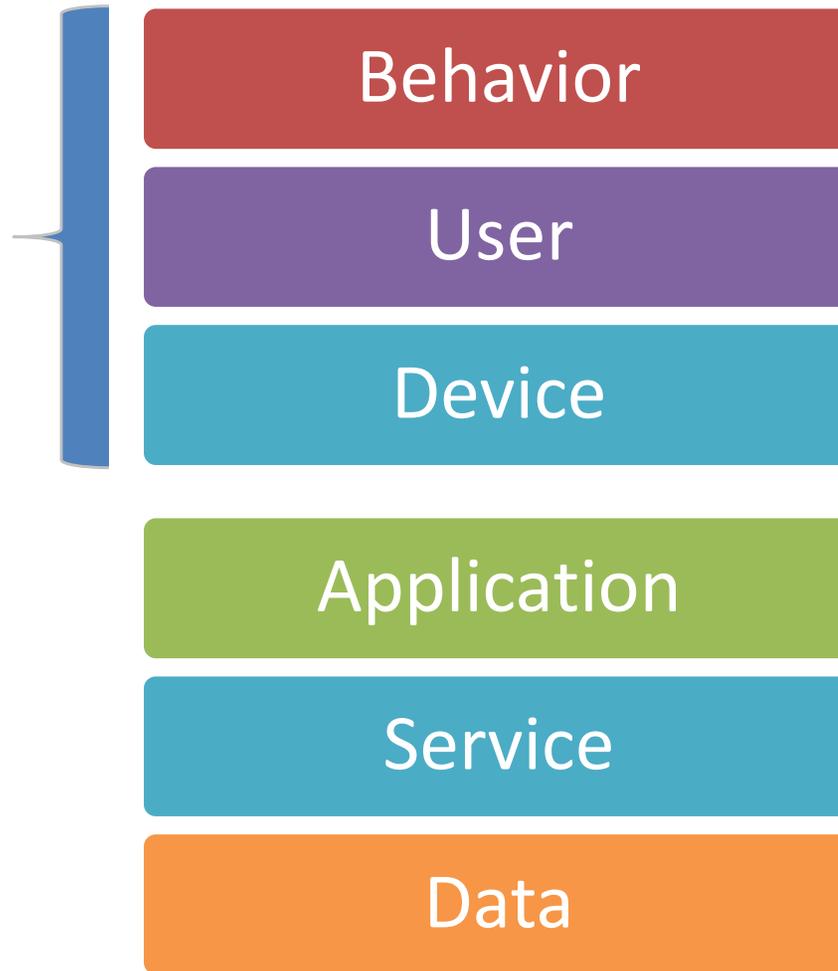
Security Must Move Up the Stack



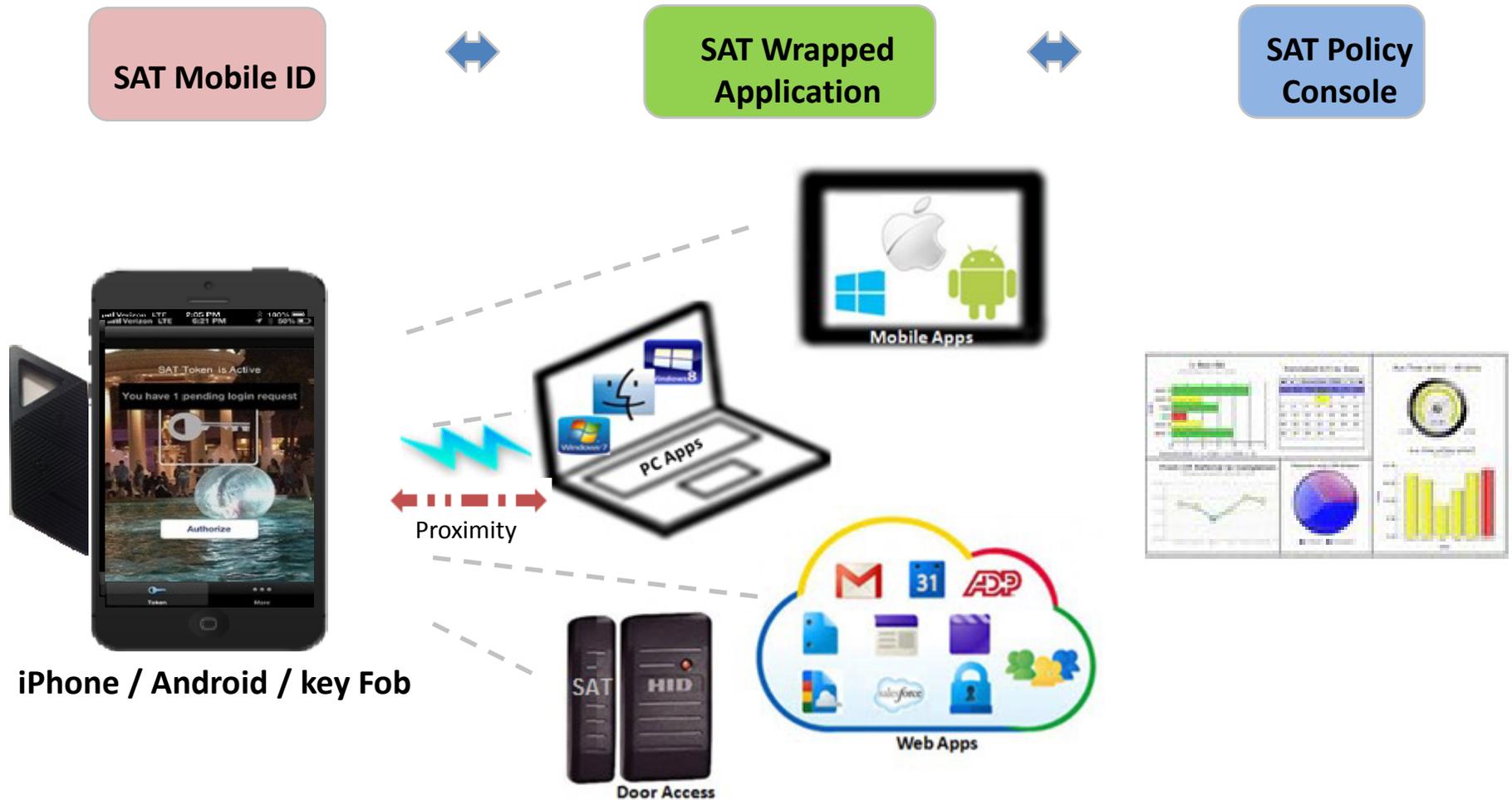
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SAT Mobile Identity

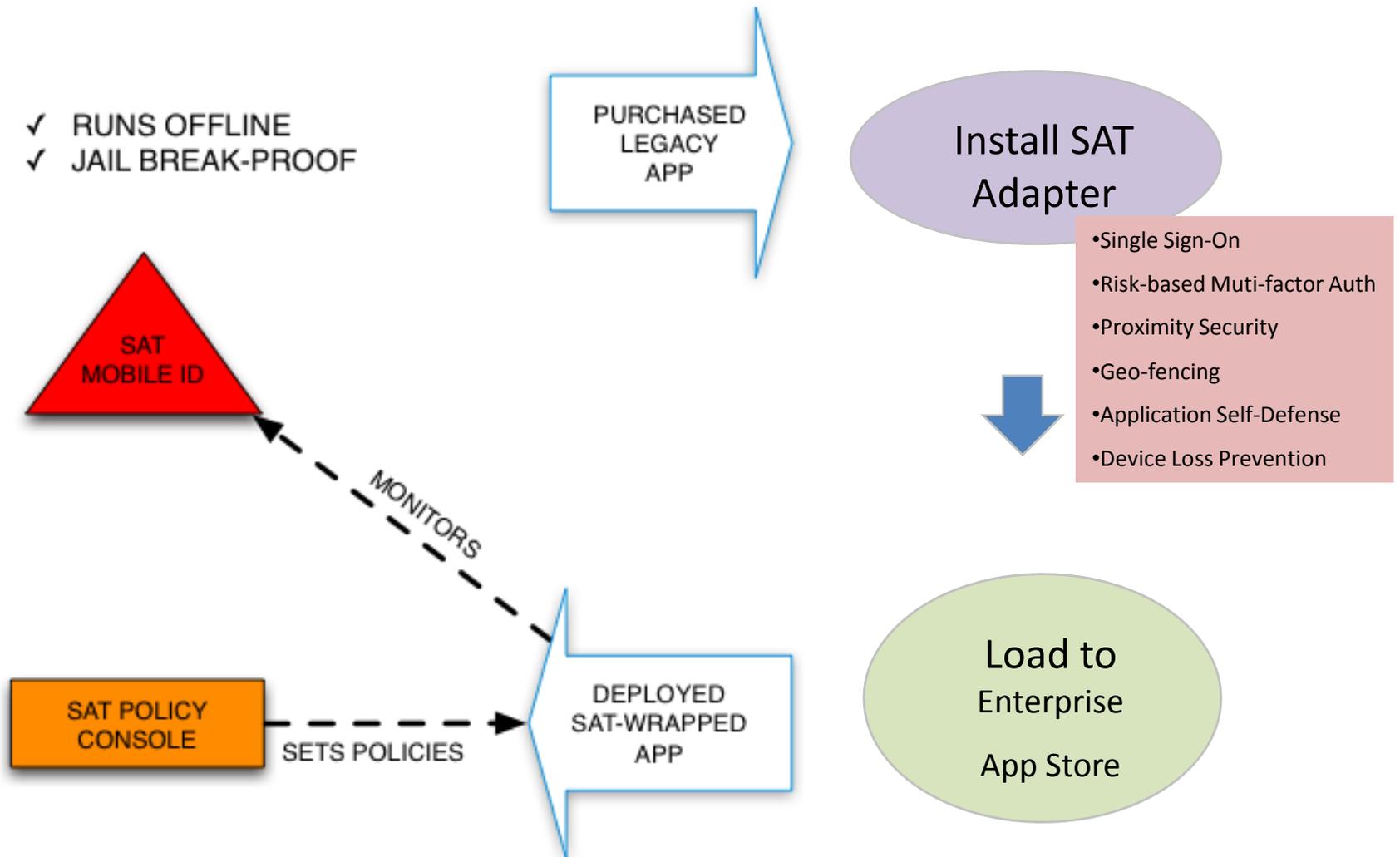
- Risk-based Authentication
- Presence monitoring
- Secure SSO



No Passwords: Breakthrough Security & Usability



Integration In Minutes



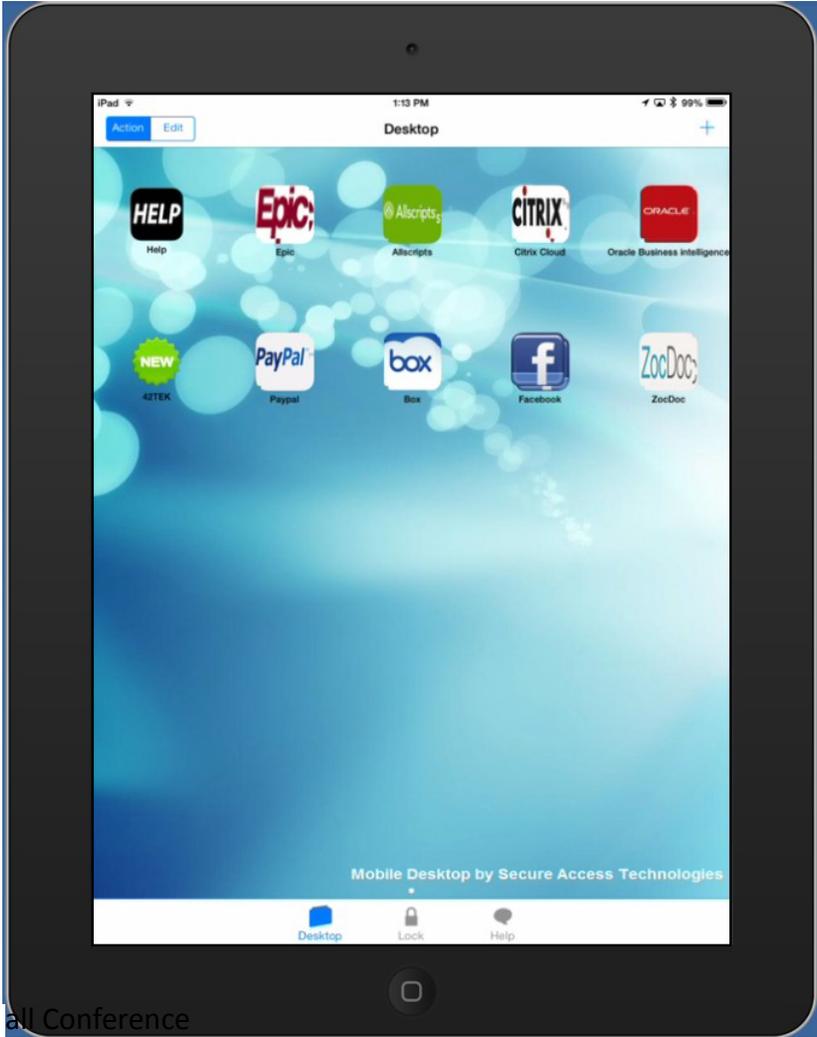
Proactive Security

Convergent Authentication	<ul style="list-style-type: none">• No Passwords• Risk-based Multifactor Auth.• [User / Location / Application]
Convergent Application Security	<ul style="list-style-type: none">• Proximity Security + Geo-fencing• DLP + Encryption• Auto-wipe
Convergent Policy Console	<ul style="list-style-type: none">• Policy-based security• Real-time logs

Proactive Security

- All applications are secured with one security layer
- Security policies are set using one policy console
- Users authenticate to all applications with one risk-based multi-factor authentication token
- Real-time audit logs

Live Demos



Ecosystem

- Integrated iOS Applications:



- Integrated web portals:



- Integrated Systems:



- Partners:



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Thank You

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Web: www.SecureAccessTechnologies.com

7 patents issued:

*Proximity token / proximity security, Security layer,
application self-defense, wrapper engine, SSO, mobile
biometrics...*



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SAT Token

By Secure Access Technologies Inc.

Open iTunes to buy and download apps.



[View In iTunes](#)

Free

Description

SAT Token provides pr

SAT enables you to aut

[SAT Token Support](#)

What's New in 1

New Bluetooth connect

Bugs fixed

Backup/restore with di

iPhone

Secure Mobile Desktop

By Secure Access Technologies Inc.

Open iTunes to buy and download apps.



[View In iTunes](#)

This app is designed for both iPhone and iPad

Free

Description

Mobile Desktop enables to take security and usability.

[Mobile Desktop Support](#)

What's New in Versio

New bluetooth connection

Voice authentication

Bugs fixed

iPad