



The Security Division of EMC

Adaptive Authentication

Strong Multifactor Authentication

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Google Hacking

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
2		John Morgan												
3		Mortgage Fax		Provider ID: 402										
4		www.xpertonline.net		Company: 1925										
5		aka: informative research		User ID: john										
6				Password: johnmorgan										
7														
8		Fannie Mae Desktop Originator		User ID: 10x2rsam										
9		https://desktoporiginator.fanniemae.com		Password: Majmtg_1										
10														
11		Email		john@majestichomeloans.com										
12		Password:		morgan										
13		login address:		majestichomeloans.com/webmail										
14				http://www.loansinteractive.com/flash_tutorials.htm										
15		Email		john@californialoanprocessor.com										
16		Password:		morgan										
17		login address:		email.californialoanprocessor.com										
18														
19		Ed Magnaye												
20		Mortgage Fax		Provider ID: 402										
21		www.xpertonline.net		Company: 1925										
22		aka: informative research		User ID: ed										
23		mortgagefaxinc.com		Password: edmagnaye										
24														
25		Fannie Mae Desktop Originator		User ID: 10x2rsam										
26		https://desktoporiginator.fanniemae.com		Password: Majmtg_1										
27														
28		Email		ed@majestichomeloans.com										
29		Password:		edmagnaye										
30		login address:		majestichomeloans.com/webmail										
31				http://www.loansinteractive.com/flash_tutorials.htm										
32														
33		Bing Opena												
34		Mortgage Fax		Provider ID: 402										
35		www.xpertonline.net		Company: 1925										
36		aka: informative research		User ID: bing										
37		mortgagefaxinc.com		Password: bingopena										
38														
39		Fannie Mae Desktop Originator		User ID: 10x2rsam										
40		https://desktoporiginator.fanniemae.com		Password: Majmtg_1										
41														
42		Email		bing@majestichomeloans.com										
43		Password:		bingopena										



Phishing, Keyloggers, Trojans

Example of stolen credentials extracted from a phishing site by RSA AFCC team:

Username	Password	CC number	Exp. Date	PIN	CVV2	IP address
lfable19xx	xxxxxx	xxxxxxxxxxxxx7028	12/200x	xxxx	x30	adsl-067-035xxx-032.sip.bct.bellsouth.net
joellxx	xxxxxx	xxxxxxxxxxxxx1547	11/200x	xxxx	x26	adsl-158-43xxx.asm.bellsouth.net
jmuuyer65xx	xxxxxxx	xxxxxxxxxxxxx2015	03/200x	xxxx	x74	adsl-070-xxx-248-005.sip.asm.bellsouth.net
sebljbfwaxx	xxxxxx	xxxxxxxxxxxxx1016	12/200x	xxxx	x72	out.xxx.com
endeverafterxx	xxxx	xxxxxxxxxxxxx0025	12/200x	xxxx	x03	c-24-7-xxx-97.client.comcast.net
igorngrrxxxd57	xxxxxx	xxxxxxxxxxxxx7014	06/200x	xxxx	x22	adsl-146-61-xxx.mia.bellsouth.net
Elena60xx	xxxxxx	xxxxxxxxxxxxx3027	10/200x	xxxx	x55	adsl-065-012-xxx-216.sip.mia.bellsouth.net
wewburxx	xxxx	xxxxxxxxxxxxx5012	11/200x	xxxx	x10	adsl-065-xxx-178-207.sip.bct.bellsouth.net
monteverde42xx	xxxxxx	xxxxxxxxxxxxx3013	02/200x	xxxx	x42	158.xxx.107.64
insanity7xxx	xxxxxxxxxx	xxxxxxxxxxxxx3012	01/200x	xxxx	x03	65.172.xxx.135
Jery66xxx	xxxxxx	xxxxxxxxxxxxx6665	10/200x	xxxx	x37	user-xxxx1t5.dsl.mindspring.com
adam9xxx	xxxxxx	xxxxxxxxxxxxx2018	10/200x	xxxx	x40	adsl-223-xxx-233.mia.bellsouth.net
610271xxx	xxxxxx	xxxxxxxxxxxxx7010	09/200x	xxxx	x61	atl-28-c-xxx.atl.dsl.cerfnet.com
timorxxx	xxx	xxxxxxxxxxxxx6022	12/200x	xxxx	x66	adsl-065-007-xxx-030.sip.bct.bellsouth.net
Pedro_Gxx	xxxxxx	xxxxxxxxxxxxx8013	11/200x	xxxx	x39	65.201.xxx.130
krispixx	xxxxxxx	xxxxxxxxxxxxx0010	09/200x	xxxx	x99	65.120.xxx.66
rainwxxx	xxxxxx	xxxxxxxxxxxxx1027	03/200x	xxxx	x02	mail.dexxxworld.com
624rivxxx	xxxxxx	xxxxxxxxxxxxx0017	11/200x	xxxx	x68	170.74.xxx.9

Want to be a fraudster? Buy Trojan!

Manager's trojan

Today, 02:13 AM #1

Offline

Join Date: [redacted]
Posts: [redacted]

Manager's trojan

I've completed the review of [redacted]'s trojan and I must say I'm impressed. [redacted]'s product is a complete package and it's not for the faint of heart. Serious people need only apply. :-P

After contacting [redacted], he informed me that his product is server based and gave me the specs for the server. (this was a nice feature since you won't have to worry about getting backdoored) [redacted] codes everything to your server. All the information is stored in mysql. You need to have a server running mysql and php to install the admin panel.

[redacted] provides instructions on how to configure everything, but if you're not familiar with mysql you may have problems in setting everything up. The admin panel is all in Russian, so if you don't read Russian you may have a hard time understanding everything, but you should be able to cut and paste into a translator if you're hard pressed.

The admin panel was easy to use and had hyperlinks to all the different features.

After the admin panel was installed, I contacted [redacted] and provided him with my domain name and he then coded the exe.

The exe was awesome. It buries deep into the OS and was very hard to find. The exe was undetected by the AV I was running and it was not blocked by windows firewall.

[redacted]'s customer service was outstanding. [redacted] responded very quickly to anything that I needed.

I recommend [redacted] as a vendor of spyware. I think he will make a great addition to DM.

product 9/10
service 9/10

Quod me nutrit me destruit

QUOTE

Don't want to be detected? Buy undetection service!



Reviewed Vendor (SPYWARE)

Silo Super Trojan

<http://www.../packag...screenshot.JPG>

- File Manager
- Process Manager
- Remote shell
- Http Server
- Http Proxy
- Port redirect
- Information
- Pws (Protected storage)
- Advanced keylogger
- IMS spy
- VNC
- Download/ upload/ Execute
- temp switch/redirect
- 6 months (undetected) support

Price: \$600 USD
Egold/WMZ Only
Escrow Accepted and Encouraged



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Cannot distribute? Buy Trojan distribution service!

View First Unread Thread Tools Search this Thread Rate Thread Display Modes

Yesterday, 10:19 AM #1

Join Date: [redacted]
Posts: [redacted]

[redacted] is offline

Load your software to thousand computers. **FREE INSTALL SERVICE**

Load your trojan, DDoS-bot, Spam-bot, etc. to thousand computers. Very simple, like ABC.

Fresh, clean and cheap installs.

1) MIX. Top countries - US, TR, x-USSR. Minimum order - 1000 loads.
till 5k - 23\$ per 1k
5-10k - 21\$ per 1k
10k+ - 20\$ per 1k

2) Clean countries. Minimum order - 500 loads.
USA - from 130\$ per 1k
DE - from 200\$ per 1k
UK - from 270\$ per 1k

Without free test. With MIX we load our adware (adware dont conflict with ur software, fully tested). When you ordered clean countries, we dont load anything instead your exe.

ICQ - [redacted]

Now we accept [redacted] only.
We can work thru escrow service without any problems.

Always [redacted]

QUOTE

Zeus Trojan as an example outcome...

- ▶ Tracking one variant of a very popular tool-kit
- ▶ In first two weeks infected 32,000 computers
 - Roughly 4,000 infections a day
- ▶ No effective anti-virus update available
 - Highly polymorphic, no consistent binary signature
- ▶ To Q2/2009 we have recovered 60,000 compromised users and their credentials from this tool-kit alone

- ▶ **Are YOU sure you don't have one in your PC?**

How to fight? Strong multifactor authentication!

▶ Two-factor Authentication via One-time Password

- Username
- PIN + OTP



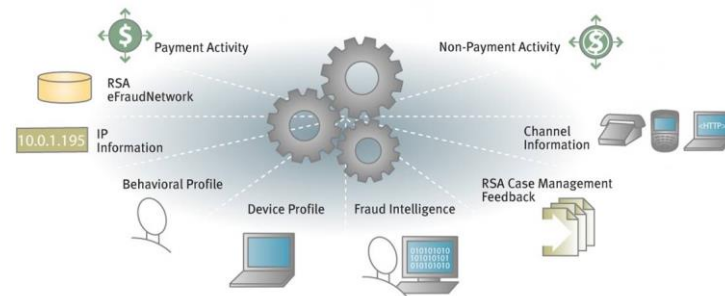
▶ Two-factor Authentication via PKI

- Username
- Password + Certificate



▶ Adaptive Authentication

- Username
- Password
- Only in case of high risk
 - Step-up Authentication



OTP and PKI Authentication

▶ Advantages

- Much more secure than static passwords
- Easy to use for users
- Users “own” something, they feel more secure – psychology



▶ Challenges

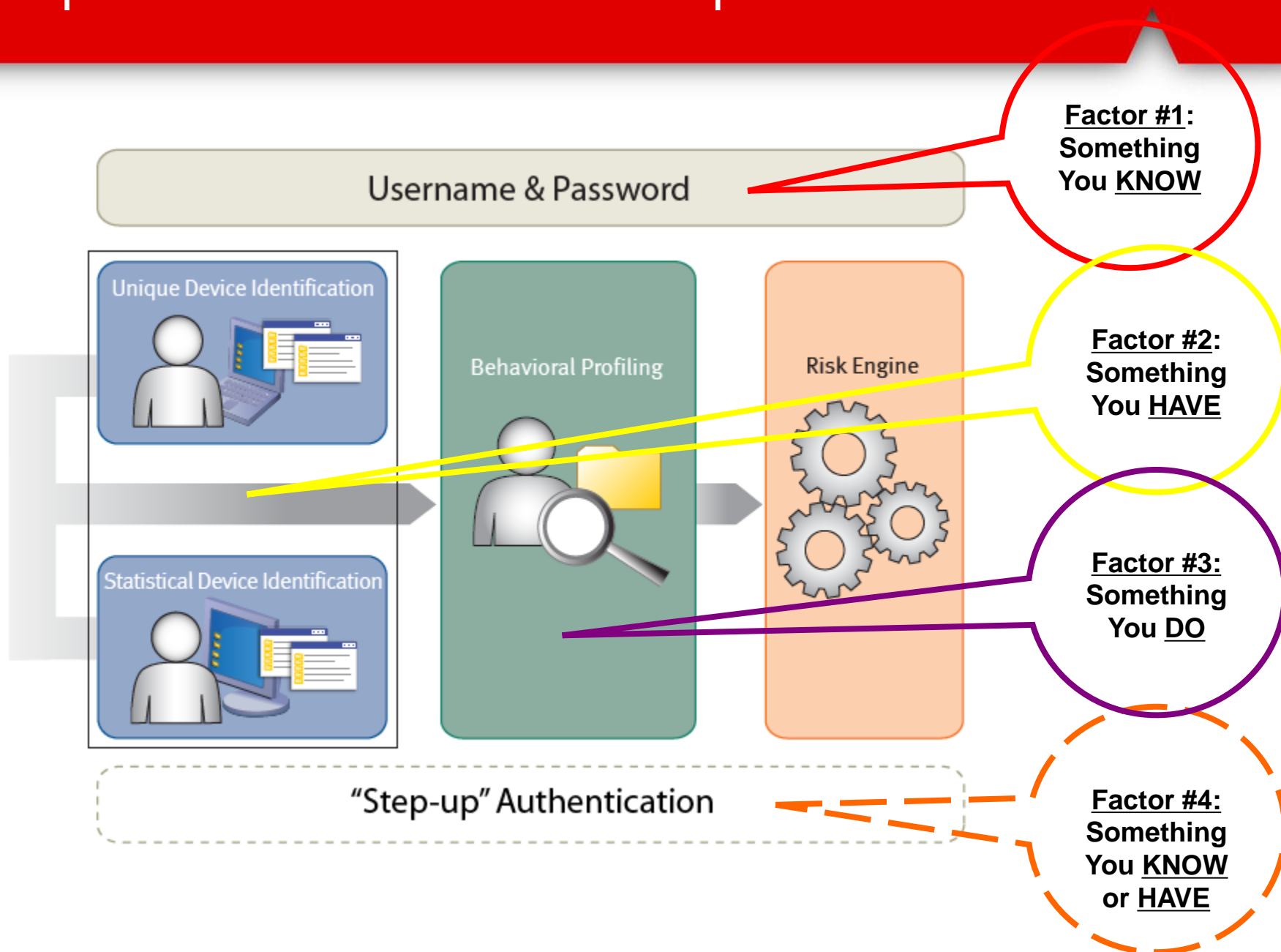
- Distribution process of hardware/software tokens and certificates
- Managing tokens' and certificates' life-cycle (expiration, renewals)
- Can be vulnerable to on-line financial fraud
 - Man-in-the-middle, Trojans



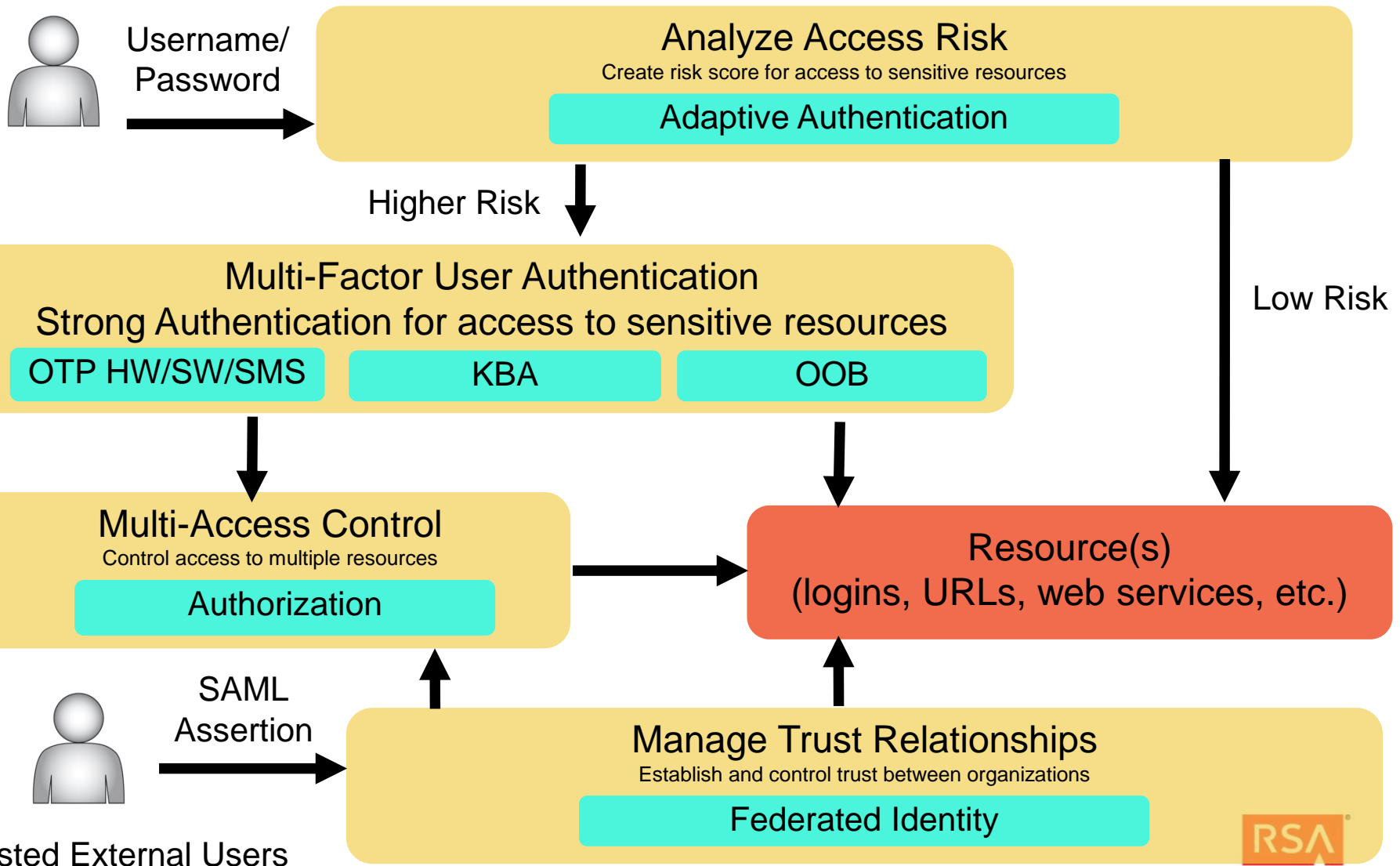


Multi-factor Adaptive Authentication

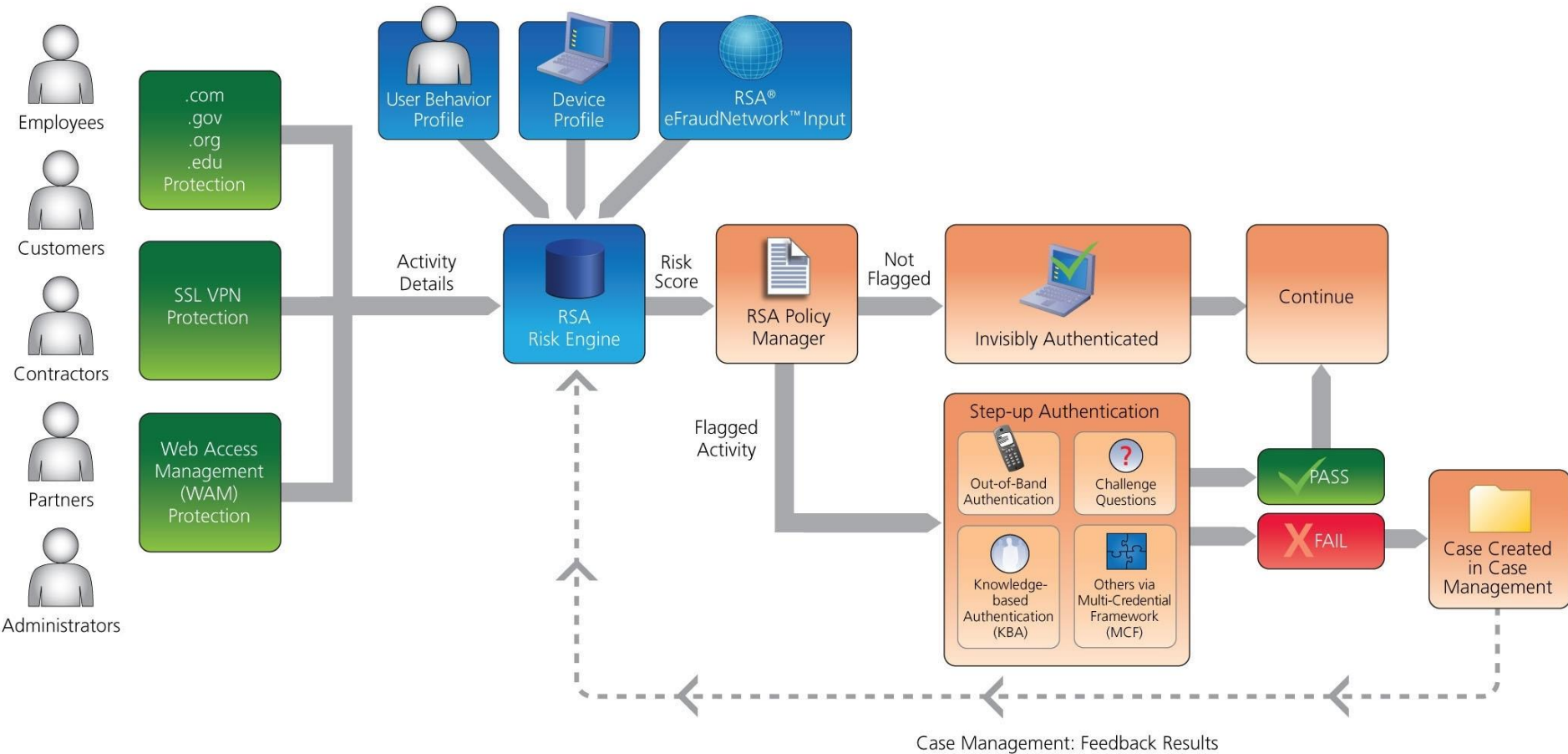
Adaptive Authentication Concept



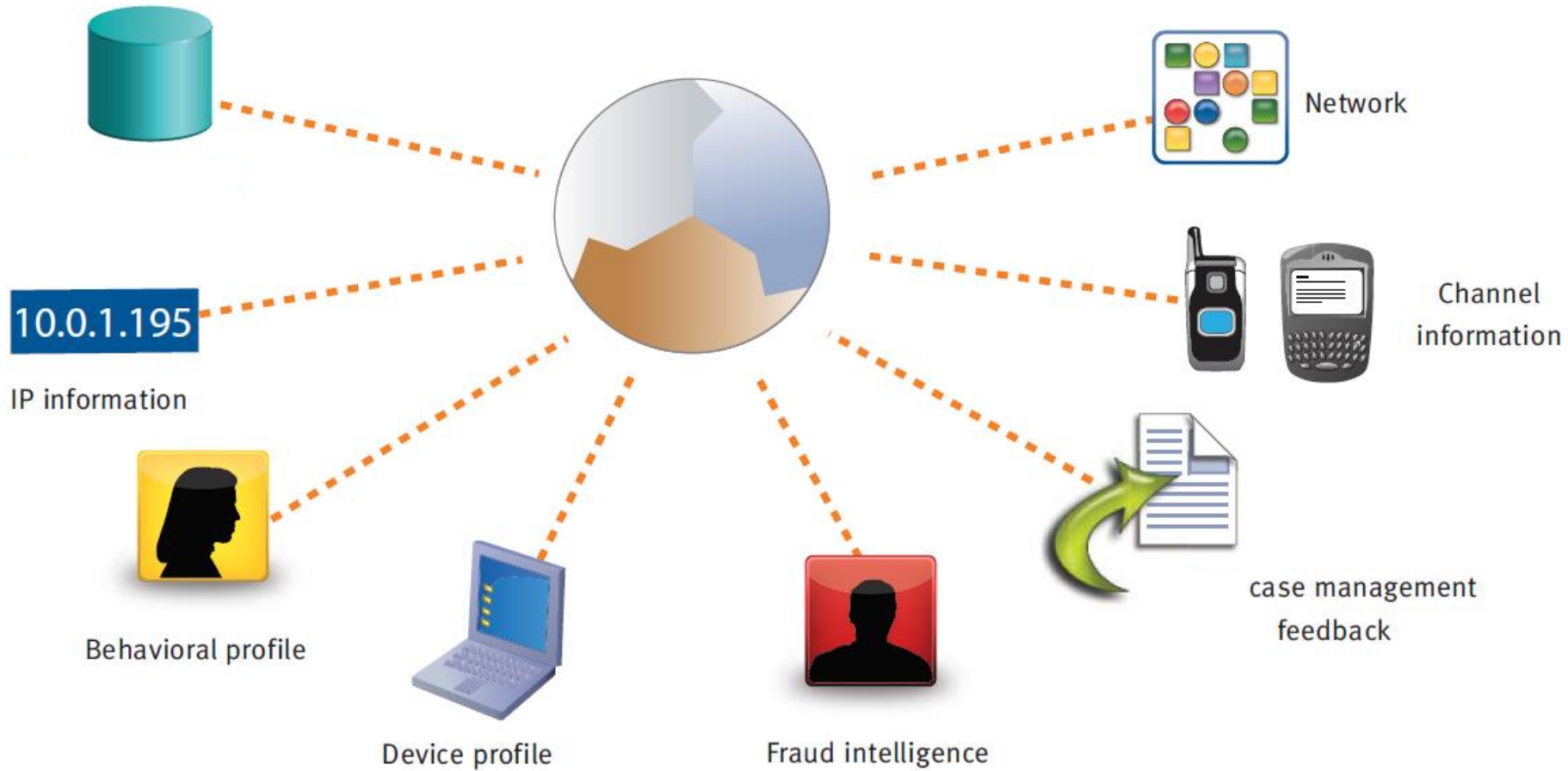
Adaptive Authentication Concept



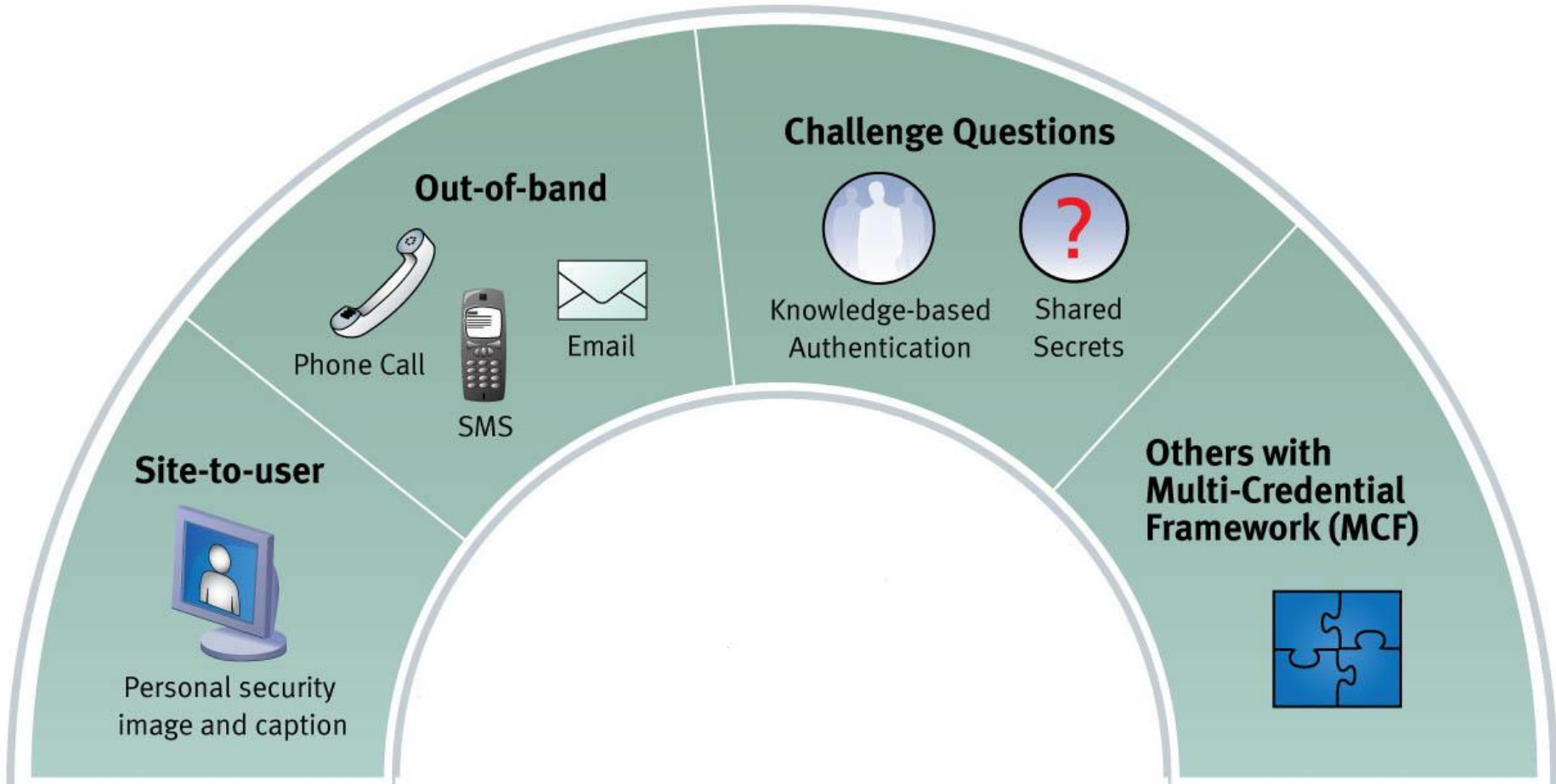
Adaptive Authentication Process



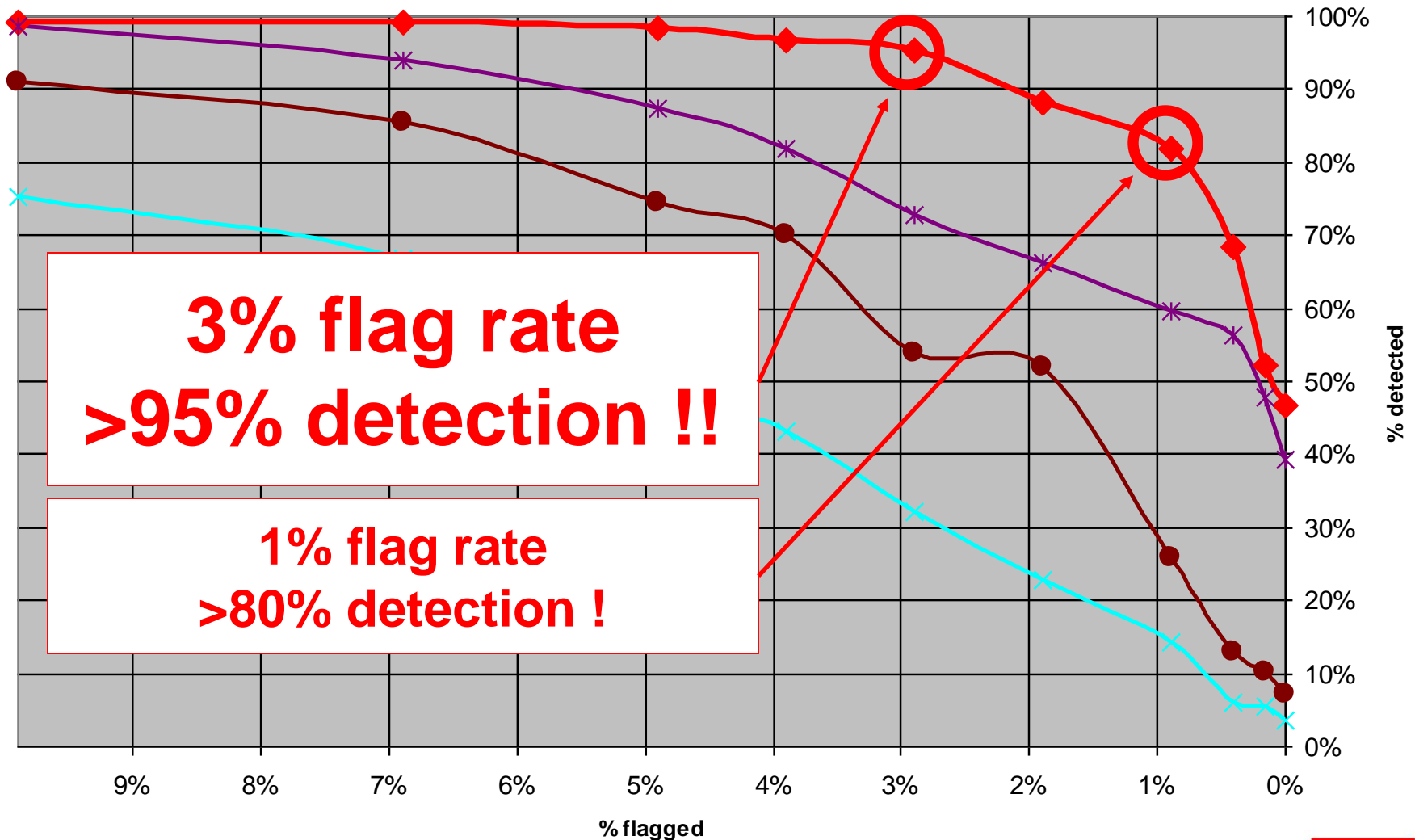
The Risk Engine Details



Step-up Authentication Options



Adaptive Authentication – Identity Theft Detection



**3% flag rate
>95% detection !!**

**1% flag rate
>80% detection !**

Everything Only trx data Only IP & device data Only dev profile

Why Adaptive Authentication?

- ▶ More secure than OTP and PKI alone
 - Can be (as is frequently) used with SMS code
- ▶ No impact to user experience
- ▶ No HW, SW or Certificate distribution process
- ▶ No token/certificate life-cycle management
- ▶ Much less vulnerable to online identity fraud
- ▶ Integration with SSL VPN, etc.
- ▶ Already protecting more than **200.000.000** identities!





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