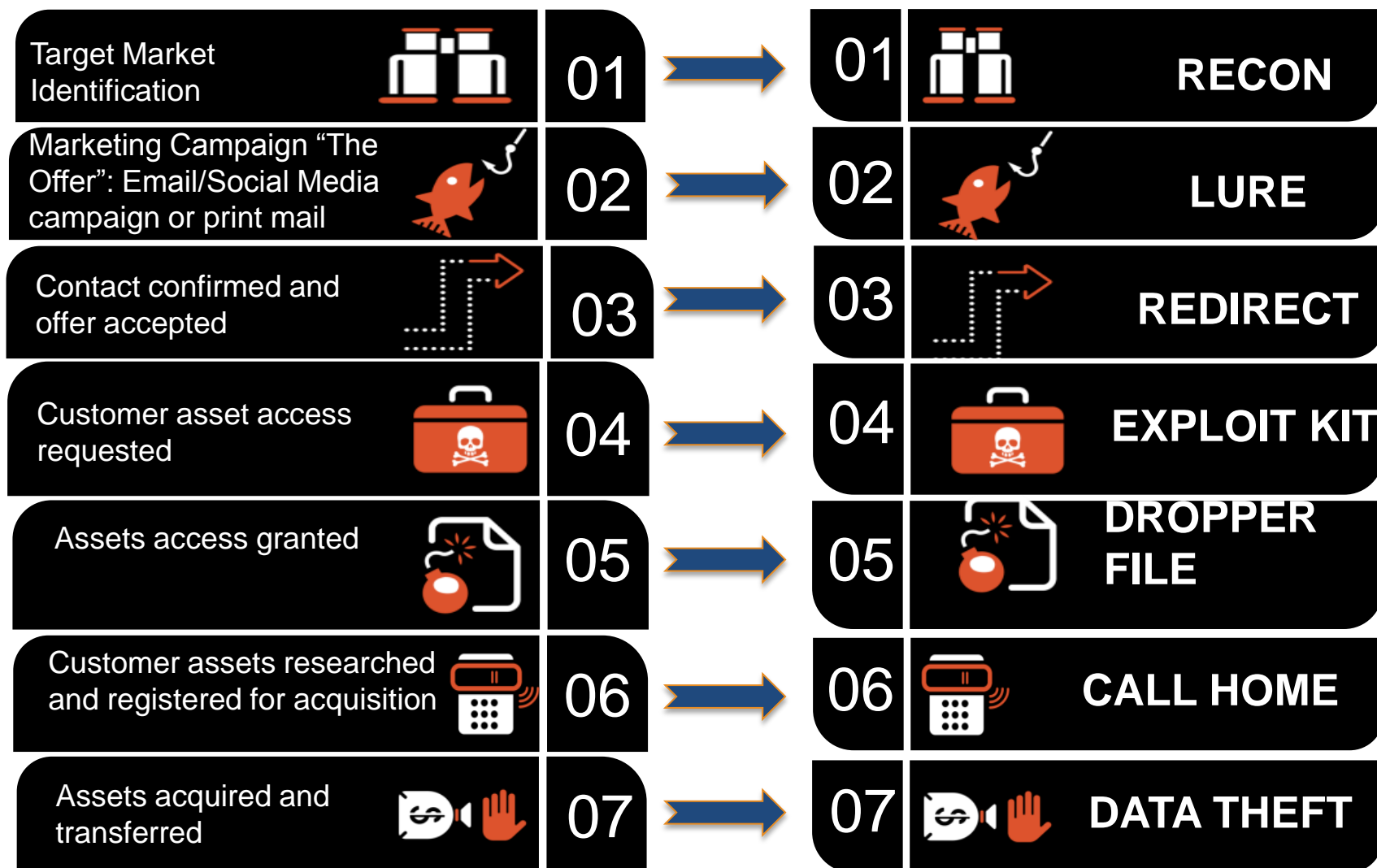


# **SYDNEY CFO SUMMIT CONTENT**





# Ever changing landscape...

**FLOPPY BASED VIRUSES**

**DESKTOP AV**

**EMAIL VIRUSES**

**EMAIL BASED AV**

**MALICIOUS WEBSITES**

**IP / URL REPUTATION**

**COMPROMISED  
LEGITIMATE SITES**

**RISE OF PROACTIVE  
DETECTION TECHNEQUES**

**BLENDED & APT**

**CONTEXTUAL & DATA-CENTRIC**

# Additional Security Drivers

- Network de-perimeterization
- Increasing mobile work force
- Increasing amount of corporate data in the cloud

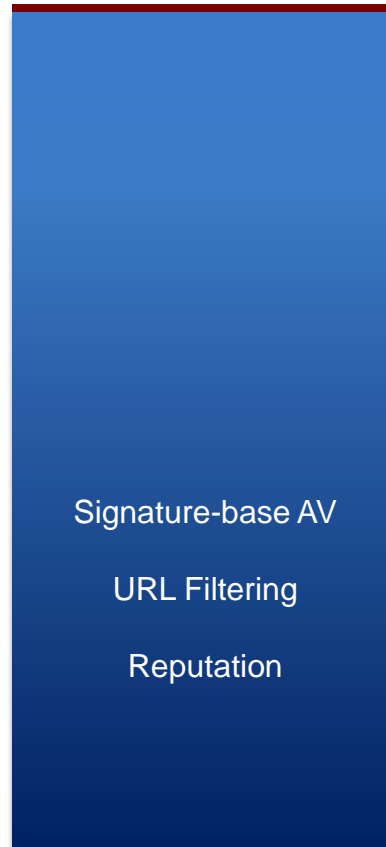


## Reactive Security Controls

*Security vendors need to see, analyse, create signatures and update their customers before being able to block...*

### *Technology examples:-*

- *URL Filtering*
- *IP Reputation*
- *AV Scanners*
- *IDS/IPS Solutions*
- *Application Firewalls*

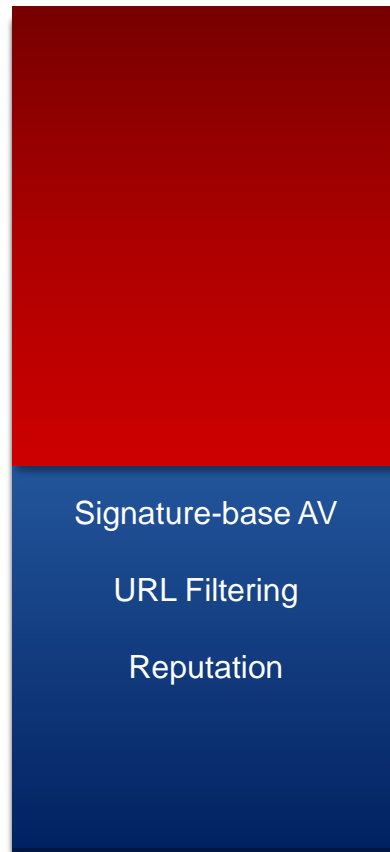


**2007**

**3%** Malware Gap

**97%** Covered by Legacy Security Technologies

- “Signature based tools are only effective against **30-50%** of current security threats, this effectiveness is expected to decline rapidly.” – IDC
- “In 2013 **85%** of malicious content was found on compromised legitimate websites.”
- “**4.1 billion** live attacks were prevented by Websense in 2013. Nearly all exhibited techniques to bypass traditional defenses”



2014

**60%** Malware Gap

#### What Has Changed?

- Malware has become more:
- Dynamic
- Prolific
- Stealth
- Targeted

**40%** Covered by Legacy Security Technologies

“

## WHY SECURITY FAILS?

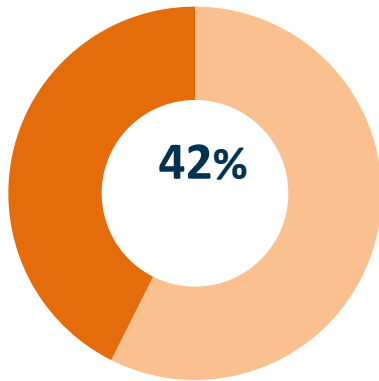
NO ANALYSIS ACROSS THE THREAT LIFECYCLE.  
RELIANCE ON SIMPLISTIC DETECTION METHODS.  
NO OUTBOUND TRAFFIC INSPECTION.  
NO PREDICTIVE CAPABILITIES.  
RELIANCE ON INDIVIDUAL POINT SOLUTIONS.  
NO COLLECTIVE INTELLIGENCE.

”

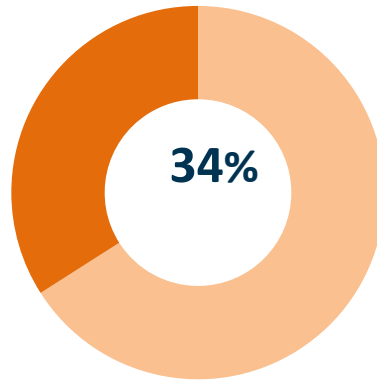
## MODERN THREATS DEMAND NEW ANALYTICAL METHODS

.NO SINGLE PIECE OF EVIDENCE CAN BE  
RELIABLY USED TO DETERMINE THREATS.  
.NEW MODELS WITH FULL VISABILITY ARE  
IMPERATIVE

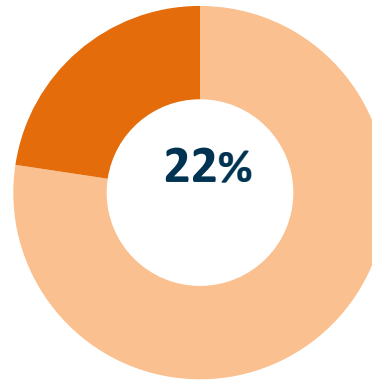
# What is the Risk for me?



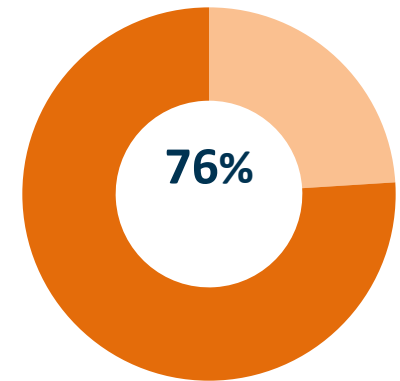
Security incidents  
in which employee  
records were  
compromised



Security incidents  
in which customer  
records were  
compromised



Companies that  
lost customers  
due to a security  
incident



Companies that  
had to reimage  
computers due to a  
security incident



# CryptoLocker Balance Sheet

For Year Ending June 31st, 2014

websense®

## ASSETS

### Current Assets

Cash	\$108,000,000
Accounts receivable	27,000,000
(less doubtful accounts)	0
Inventory	0
Temporary investment	0
Prepaid expenses	0

### Total Current Assets

\$135,000,000

### Fixed Assets

Long-term investments	\$50,000,000
Boat	1,000,000
Buildings	0
(less accumulated depreciation)	0
Plant & equipment	3,000
(less accumulated depreciation)	-331
Furniture & fixtures	2,000
(less accumulated depreciation)	-41

### Total Net Fixed Assets

\$51,004,628

### TOTAL ASSETS

\$186,004,628

## LIABILITIES

### Current Liabilities

Accounts payable	\$15,000
Short-term notes	0
Current portion of long-term notes	0
Interest payable	0
Taxes payable	0
Accrued payroll	0

### Total Current Liabilities

\$0

### Long-term Liabilities

Mortgage	\$0
Other long-term liabilities	0

### Total Long-term Liabilities

\$0

### Shareholders' Equity

Capital stock	\$0
Retained earnings	186,004,628

### Total Shareholders' Equity

\$186,004,628

### TOTAL LIABILITIES & EQUITY

\$186,004,628

**WANTED**  
BY THE FBI

Conspiracy to Participate in Racketeering Activity; Bank Fraud; Conspiracy to Violate the Computer Fraud and Abuse Act; Conspiracy to Violate the Identity Theft and Assumption Deterrence Act; Aggravated Identity Theft; Conspiracy; Computer Fraud; Wire Fraud; Money Laundering

**EVGENIY MIKHAILOVICH  
BOGACHEV**



Multimedia: Images

### Aliases:

Yevgeniy Bogachev, Evgeniy Mikhaylovich Bogachev, "lucky12345", "slavik", "Pollingsoon"

## DESCRIPTION

Date(s) of Birth	October 28, 1983	Hair:	Brown (usually shaves his head)
Used:		Eyes:	Brown
Height:	Approximately 5'9"	Sex:	Male
Weight:	Approximately 180 pounds	Race:	White
NCIC:	W890989955		
Occupation:	Bogachev works in the Information Technology field.		

Remarks: Bogachev was last known to reside in Anapa, Russia. He is known to enjoy boating and may travel to locations along the Black Sea in his boat. He also owns property in Krasnodar, Russia.



## Important information regarding your ANZ E\*TRADE account



Dear [REDACTED],

We're committed to helping you protect your online security however, there are some simple measures you can take to help maintain it. Here are a few security tips for you to consider.

### Regularly change your passwords

We use two passwords for extra security. We strongly recommend you regularly change your passwords and use a different password for log on and trading to ensure the utmost security.

### Protect yourself against phishing

E\*TRADE will never send an email asking you to verify your log on details. If you receive an email asking you to confirm your log on or personal information, please delete it immediately and do not click on the link.



## NetBank account suspended.

Dear, mike@creditcardfinder.com.au

We have reason to believe that your account was accessed by a third party. Because protecting the security of your account is our primary concern, we have limited access to sensitive NetBank account features. We understand that this may be an inconvenience but please understand that this temporary limitation is for your protection.

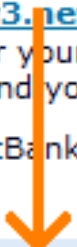
## How can I restore my account access?

**Click the link below and confirm your NetBank account information, otherwise your NetBank access will remain restricted:**

<https://www3.netbank.commbank.com.au/netbank/bankmain/index.aspx>

Thank you for your prompt attention to this matter. Please understand that this is a security measure meant to help protect you and your account. We apologize for any inconvenience.

20022009 NetBank S.A. All rights reserved.



<http://netbaustral.com/netbank.commbank.com.au/>

# Do you trust your emails?



You were randomly selected for a security audit and failed.

We have temporarily suspended your NetBanking because we were unable to contact you. You will need to confirm/update your contact details next time you log on to CommBank. Usually you will have instant access to your NetBank again after doing so <http://commonbank.info>

Click to follow link

Logon to CommBank now >



**From:** Chase Manhattan online banking <Service.Chase.com@server1.dd4t.com>

**Subject:** Chase Bank : Update Your Online Banking Account



## Irregular Check Card Activity

We detected irregular activity on your Chase Bank account Check Card on 11/08/2008. For your protection, you must verify this activity before you can continue using your card.

Please visit Online Banking at [www.Chase.com](http://www.Chase.com) to review your account activity, and then **call us immediately at 1.877.833.5617**. We will review the activity on your account with you and upon verification, we will remove any restrictions placed on your account.

Want to confirm this email is from Chase Bank ? Sign in to Online Banking and select Alerts History to verify this alert.

Want to get more alerts? Sign in to your online banking account at Chase Bank and within the Accounts Overview page select the "Alerts" tab.

**Because email is not a secure form of communication, please do not reply to this email.**

If you have any questions about your account or need assistance, please call the phone number on your statement or go to Contact Us at [www.Chase.com](http://www.Chase.com).

Chase Bank, Member FDIC.

© 2008 Chase Bank Corporation. All Rights Reserved.

## Receipt for Your Payment to AU-AdCommerce-EOM@ebay.com

↑ ↓ ×



services@inc-paypal.com.au (services@inc-paypal.com.au) [Add to contacts](#) 15/10/2014 ▶

To: nrm\_878@hotmail.com ✉



16 OCTOBER 2014 06:21:42 AEDT

Transaction ID: [2D334364YY4282171](#)

Hello,

**You sent a payment of \$14.88 AUD to ilovebargainx (ilovebargainx@gmail.com)**

Thanks for using PayPal. To view the transaction details, log in to your PayPal account.

It may take a few moments for this transaction to appear in the Recent Activity list in your Account Overview.

### Seller

ilovebargainx  
ilovebargainx@gmail.com

### Note to seller

You haven't included a note.

### Shipping address

Naomi Summers  
33 Garie Street  
Wishart  
Brisbane, Queensland 4122  
Australia

### Shipping details

The seller hasn't provided any shipping details yet.

Description	Unit price	Qty	Amount
<a href="#">Details about 1000ml (1L) Stainless Steel Water Drinking Bottle BPA Free Drink NEW portable</a> Item number 191197295274	\$14.88 AUD	1	\$14.88 AUD



Shipping and handling	\$0.00 AUD
Insurance - not offered	---
<b>Total</b>	<b>\$14.88 AUD</b>



## Receipt for your PayPal payment to HG DREAMS PTY LTD

↑ ↓ ×



service@paypal.com.au [Add to contacts](#) 8/11/2014 ▶

To: Nick McDonald ✕



8 Nov 2014 23:31:55 AEDT

Transaction ID: [3C878090RU120864K](#)

Dear Nick McDonald,

**You sent a payment of \$11.95 AUD to HG DREAMS PTY LTD**  
**([hgdreams.pty.ltd@hotmail.com](mailto:hgdreams.pty.ltd@hotmail.com))**

Thanks for using PayPal. To view the transaction details, log in to your PayPal account.

Buyer Protection is expanding!

The time to lodge your dispute is  
now extending from 45 to 180 days.

[Find Out More](#)

It may take a few moments for this transaction to appear in the Recent Activity list in your Account Overview.

### Seller

HG DREAMS PTY LTD  
[hgdreams.pty.ltd@hotmail.com](mailto:hgdreams.pty.ltd@hotmail.com)

### Shipping address

Nick McDonald  
38 Elimatta Rd  
Mona Vale  
Sydney, New South Wales 2103  
Australia

### Note to seller

You haven't included a note.

### Shipping details

The seller hasn't provided any shipping details yet.

Description	Unit price	Qty	Amount
<a href="#">300Mbps Wireless N WiFi USB Adapter Dongle 802.11 bgn High Gain Genuine W8</a>	\$11.95 AUD	1	\$11.95 AUD



**24 NOV 2014**

## ACT NOW