

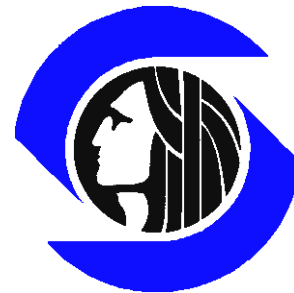
Guarding Against Fraud

Staying Safe in our Wired World

Your Host:

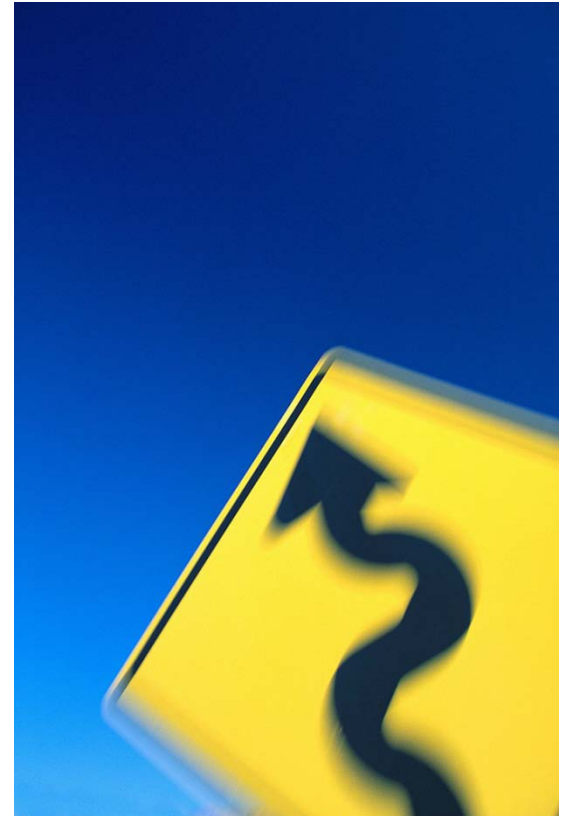
David R. Matthews, CISSP

Deputy CISO, City of Seattle



Agenda

- **Types of fraud**
- **Real life examples**
- **Tactics and tips to stay safe**



Identity Theft

“Risk of ID theft bonanza as thousands of credit card slips found dumped in skip ”

BY Miles Brignall & Phillip Inman (Jan 9, 2006) - The Guardian

- "Thousands of documents revealing the credit card numbers, addresses, phone numbers and signatures of guests were dumped in an open skip (dumpster) ."



Malware



“Malware increases by 46% in only one year”

On Help-Net Security Blog, 2/8/2011

- “The number of pieces of new mobile malware in 2010 increased by 46 percent compared with 2009.
- The report also uncovered 20 million new pieces of malware in 2010, equating to nearly 55,000 new malware threats every day.”

Cyber Crime is Changing

- Hackers used to be in it for the reputation they could gain. For pride of having beat the system
- Now it's all about the money
- Organized crime is behind most of it



Social Engineering

- Fake e-mails
- Fraudulent phone calls
- Postal mail fraud
- Even visits to your home!





Official WEB Site Locator for the
UNITED NATIONS
System of Organizations 

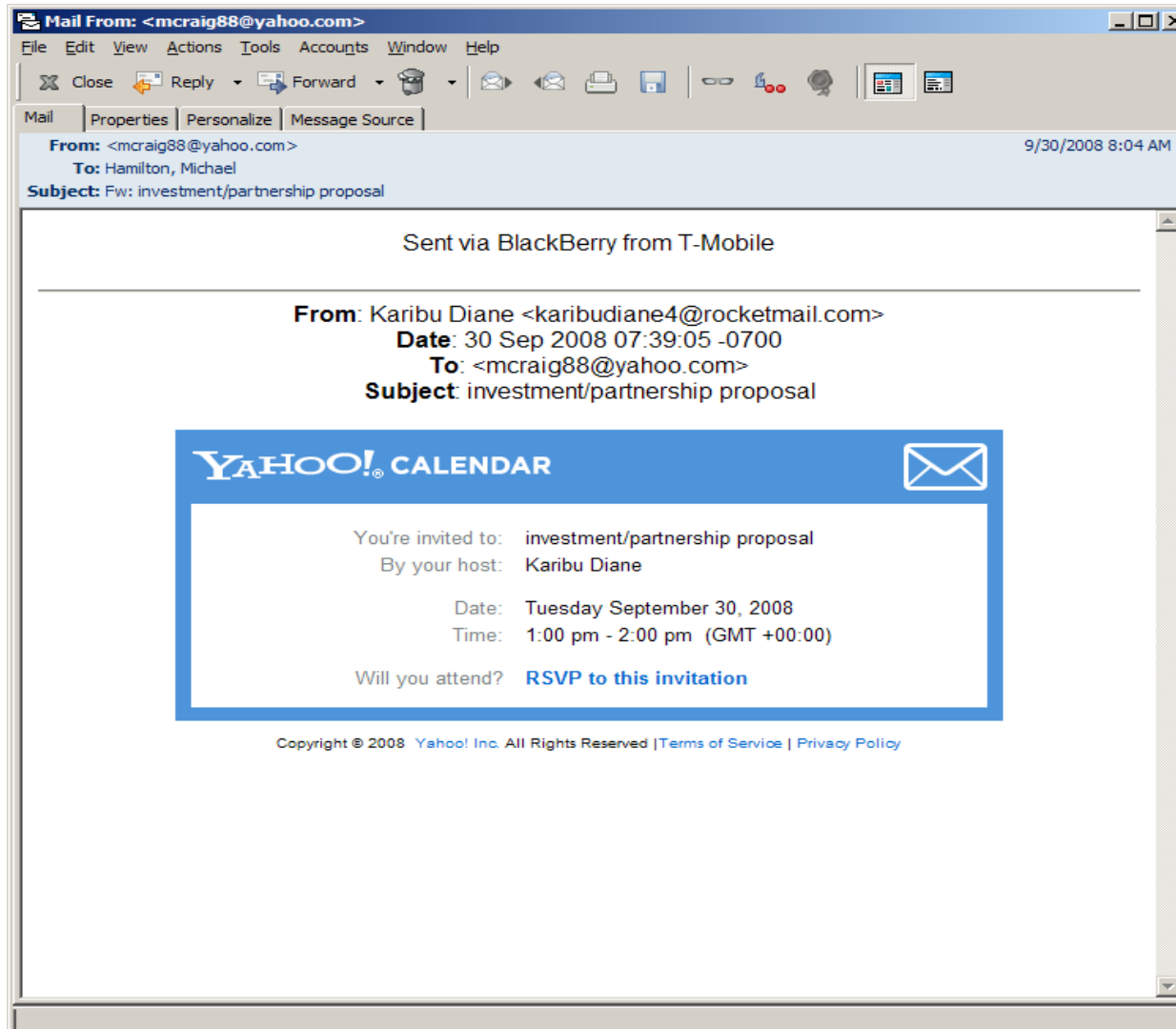
**UNITED NATIONS ASSISTED PROGRAMME FOR SCAMMED VICTIMS.
UNITED NATIONS COMPENSATION UNIT, IN AFFILIATION WITH THE
COMPENSATION UNIT NEDBANK OF SOUTH AFRICA**

Dear Beneficiary,

How are you today? Hope all is well with you and family? This should be the Second and Final notice from the United Nations Compensation Unit. You have been contacted some months ago about your funds with the (NEDBANK OF SOUTH AFRICA). This compensation agreed upon by the United Nations for Scammed Victims, and you were chosen, but according to the records, you have not yet get your funds that have been returned to the United Nations Treasury Department.

We found your name in our list and that is why we are contacting you to compensate you, and this has been agreed upon and signed. After a meeting during the week, it was agreed that beneficiaries be given the last chance to claim their funds. The UNITED NATIONS have agreed to compensate all beneficiaries with the sum of (\$500,000.00) each. This includes every foreign contractors that may have not received their contract sum, and people that have an unfinished transaction or international businesses that failed due to Government problems etc.

419 MEETING INVITATION!



Pump-n-Dump

- Carnegie Cooke & Company, Inc. (CGKY)
A Huge PR campaign is expected starting Wednesday and all next week so grab as much as you can up to \$0.25 range.
- Infinex Ventures Inc. (IFNX) = OTC: IFNX.OB
This One is Strong UP 0.50 (28.57%) Jan 9th Alone
Huge PR Campaign Running for Tuesday Jan 10th
We expect explosive growth thru Friday

FAKE FACEBOOK MESSAGE

Facebook Password Reset Confirmation! Your Support.

Facebook Security [customer@facebook.com]

Sent: Tue 3/23/2010 7:30 AM

To: Boone, Kathy (SCL)

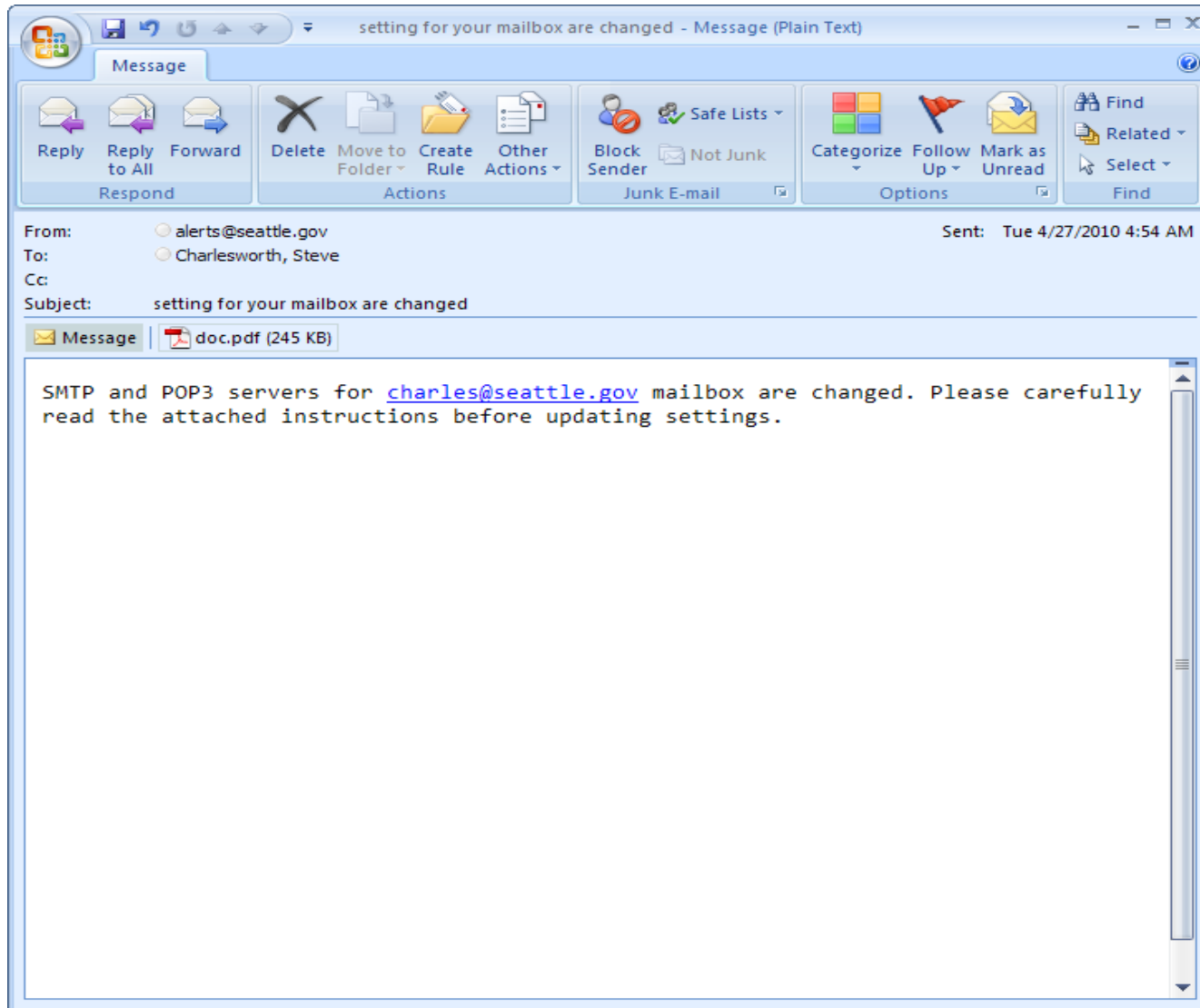
Message | Facebook_password_139.zip (41 KB)

Dear user of facebook,

Because of the measures taken to provide safety to our clients, your password has been changed. You can find your new password in attached document.

Thanks,
Your Facebook.

FAKE SUPPORT MESSAGE



Tips & Tactics

- If you chat or use social media sites like Facebook only allow connections to people you know and have met in person
- Don't reveal address, phone, school, family names, especially SSN or Credit Card #s - ever – to anyone!
- Only purchase online from reputable and well known companies (type in the URLs)



Tips & Tactics(2)



- **Don't click on links in emails or websites that you aren't sure are legitimate**
- **Have good Antivirus, Anti-spyware, Anti-spam, and a software firewall – updated automatically**
- **Have a hardware firewall between your home network and the Internet**

Tips & Tactics(3)



- Lock down any wireless access points with good encryption, etc.
- Carefully examine ATMs before using them – look around

Tips & Tactics(4)



- **Don't let your Credit Cards get out of sight at a restaurant or club**
- **Shred anything with Personally Identifiable Information (PII)**
- **Use a locking mailbox**

Tips & Tactics(5)



- **Use two debit/checking accounts – one that you only use for online purchases**
 - keep very little money in that account
 - Transfer from other account only as needed
- **Use good passwords**
 - Use a password storage tool to save them so you can remember and use different pwds
 - Use a pass phrase for sensitive sites (banking, etc)
 - Use one you'll never remember for occasional shopping – just click 'lost password' when you return to that site

Resources



- <http://www.onguardonline.gov>
(Federal Trade Commission site with quizzes, etc to inform public of cybercrime issues)
- <http://www.ic3.gov./preventiontips.aspx>
(FBI's Internet Crime Complaint Center prevention tips page)
- <http://www.seattle.gov/informationsecurity/>
(City of Seattle's Information Security website with lots of good tips and tricks)

Questions?

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