Security & Today's Technology Challenges

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If your computer or account was hacked what would be compromised?

Documents Contacts Photos Other Passwords Emails Texts

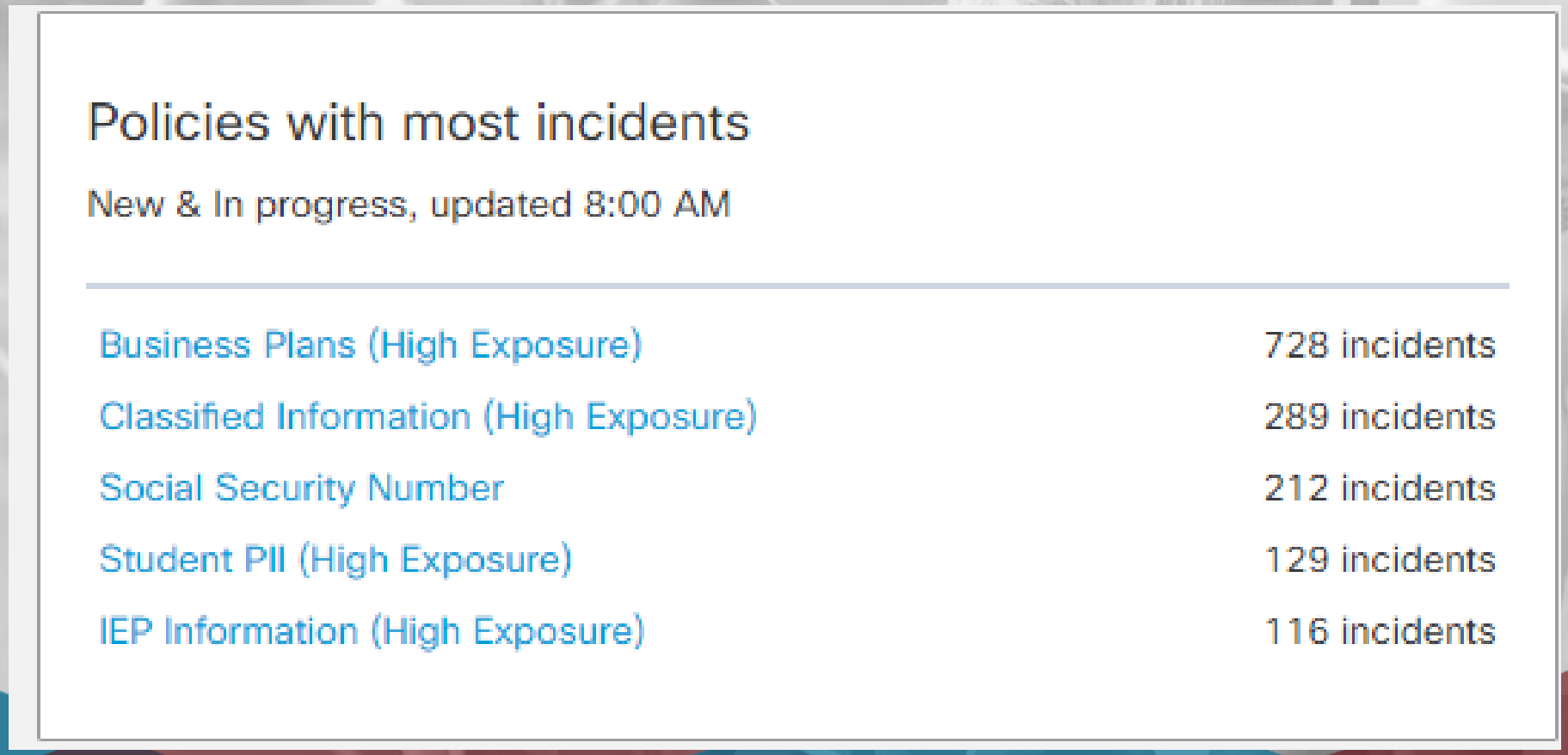
Editing Rights to Your School Website Student Information

Smart Locks Smart Garage Door Opener Smart Cars

What information about our students is on our devices that needs to stay private?

- **Name, Address, SSN, Date of Birth, Phone Number**
- **Device specific static identifier (ex: IP Address, UDID)**
- **Logs of user actions**
- **Financial, Employment or Location data**

Umbrella and Cloudlock provides us: Incident Risks



Activities

Include | Detection Date | Platform | Application | Country | City | User | IP address | Event type | Raw events | Threat type | Export

Clear all filters

Include October 24, 2018 - October 30, 2018 × Login Challenge

Exclude × United States

Compromised Accounts

Platform	Event Category	Event Type	Asset	User	IP address	Location	Detected (UTC)
Google	Auth	Login Challenge › Raw Event: Login challenge		[redacted]	188.72.99.168	United Kingdom Hampshire, Gosport	Oct 26, 2018 11:55:06 AM
Google	Auth	Login Challenge › Raw Event: Login challenge			79.253.104.68	Germany Schleswig-Holstein, Eutin	Oct 25, 2018 11:08:20 AM

Showing 1 - 2 of 2 Events

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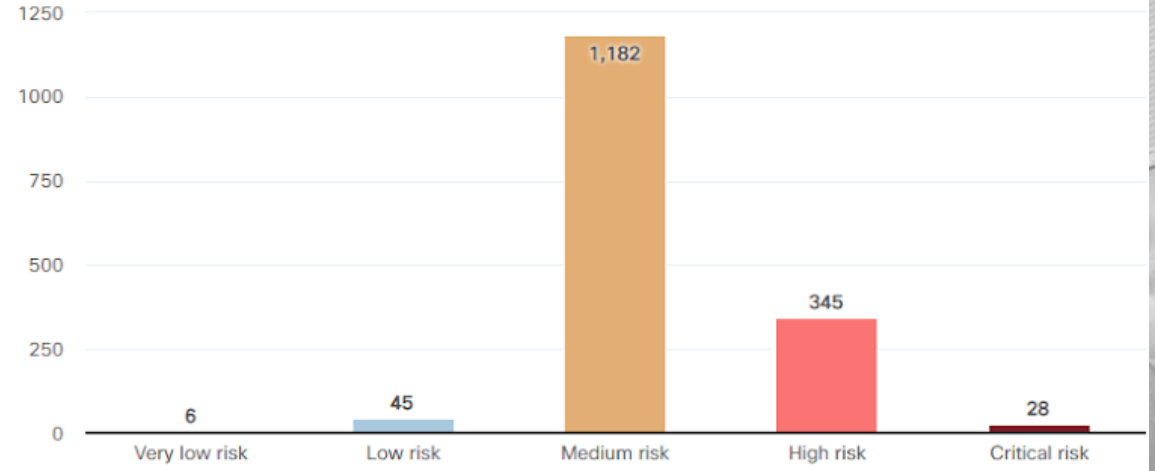
Most Risky Apps

Review the **top 25 risky apps** out of **373 risky apps** based on their risk level.

App Name	Users	Risk
CitationMachine Plus	6	Critical
DocHub	4	Critical
Magic Rainbow Unicorns Slides	4	Critical
OneLook Thesaurus	3	Critical
ShapeApp	3	Critical
Notability	2	Critical
AudioPlayer for Slides 2.2	2	Critical

Your Apps by Risk Level

Risk analysis of the apps currently installed in your environment.



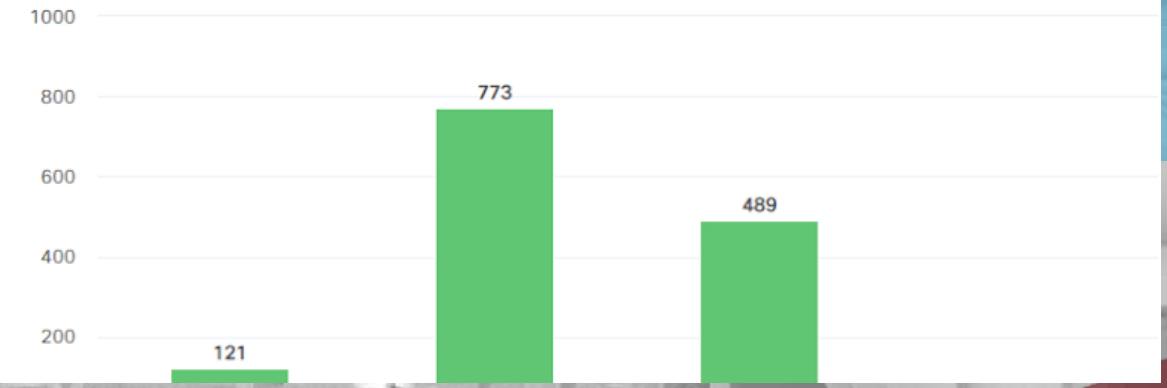
Users With Risky Apps

Review the **top 25 users with risky apps.**

User	Critical	High	Medium
[redacted]	0	18	29
	0	15	28
	0	14	35
	0	13	43
	2	11	13
	0	12	37

Peer-Assessed App Risk

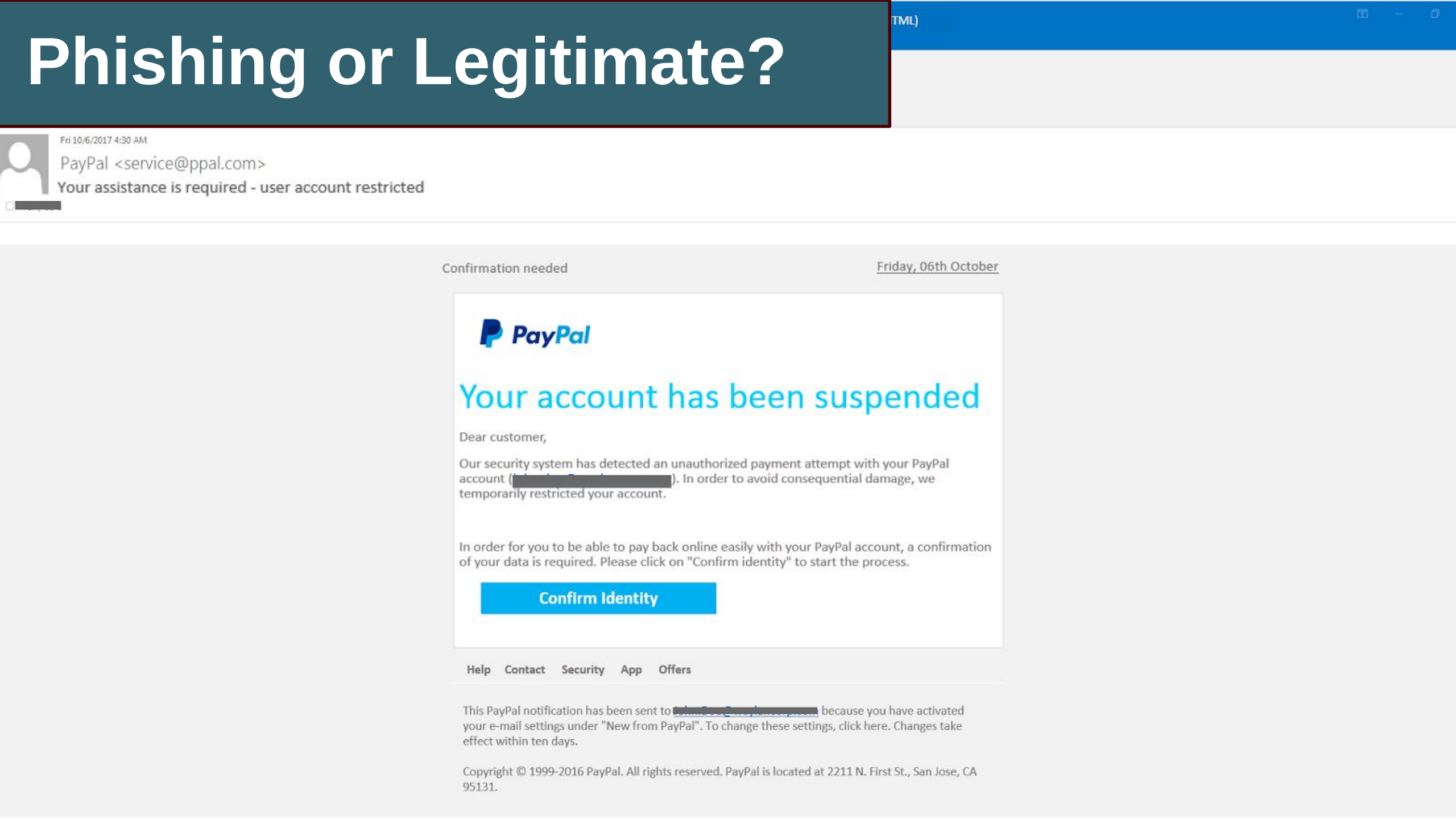
The Community Trust Rating of an app reflects how an app has been classified by other organizations.



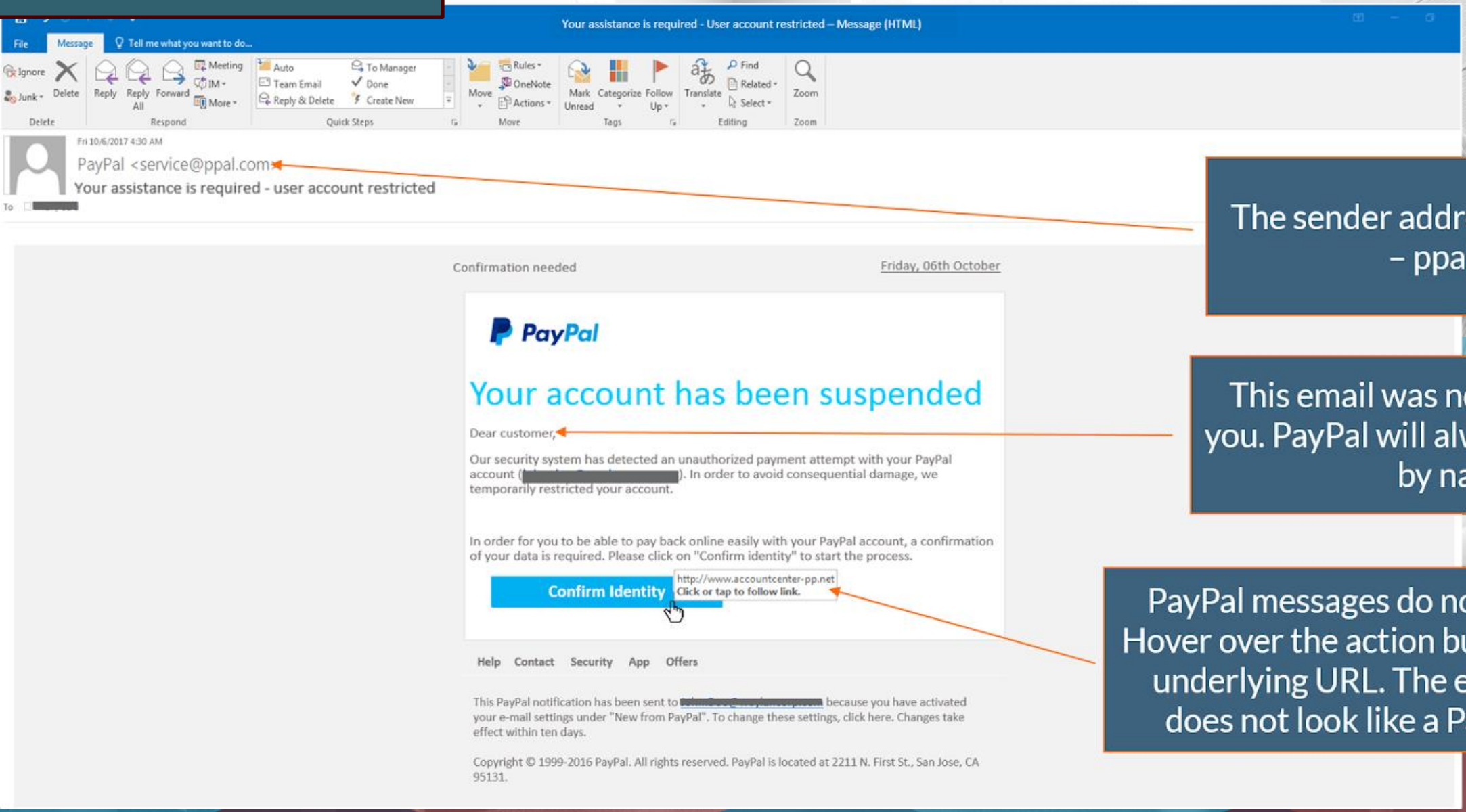
Phishing & Whaling

- Think before you click
- Be careful with attachments
- Report it to security@usd497.org

Phishing or Legitimate?



Phishing



The sender address is misspelled – ppal.com

This email was not addressed to you. PayPal will always address you by name

PayPal messages do not include links. Hover over the action button to view the underlying URL. The embedded URL does not look like a PayPal website

Phishing or Legitimate?

Respond | Quick Steps | Move | Tags | Editing | Zoom

Sun 10/29/2017 4:50 PM

HubSpot Billing <billing@hubspot.com>

Your HubSpot Order

[redacted]

problems with how this message is displayed, click here to view it in a web browser.

[redacted].pdf

HubSpot

Tyrel Corp
Unit 9850-11 Cider Park Ave
San Jose CA

Hub ID: [redacted]
Record #
Purchase Date: October 30 2017

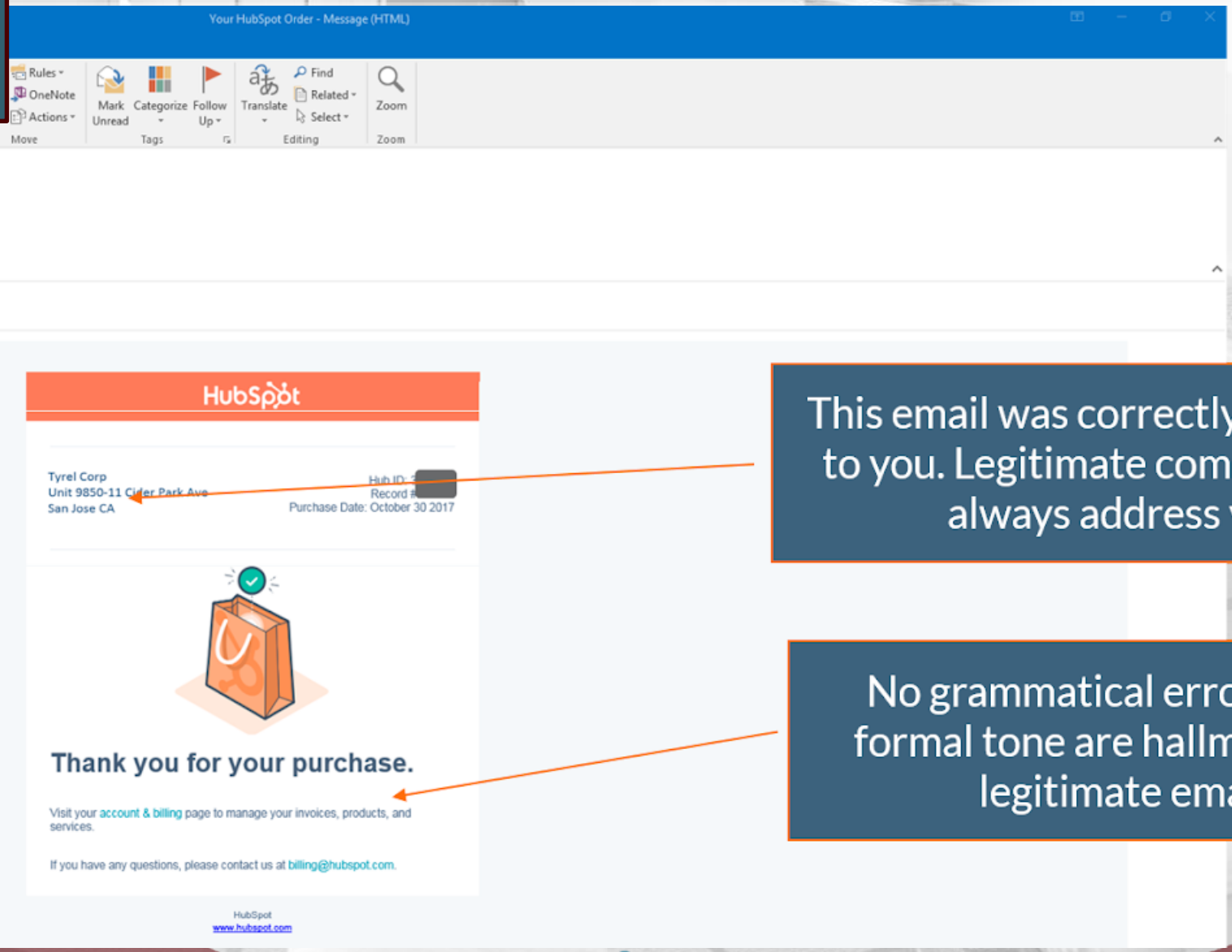
Thank you for your purchase.

Visit your account & billing page to manage your invoices, products, and services.

If you have any questions, please contact us at billing@hubspot.com.

HubSpot

Legitimate



This email was correctly addressed to you. Legitimate companies will always address you

No grammatical errors and a formal tone are hallmarks of a legitimate email

Additional Resources

- **Educator Toolkit for Student Privacy**
  https://www.studentprivacymatters.org/wp-content/uploads/2018/10/PCSP_BATS-Educator-Toolkit.pdf

- **Email USD 497 Information Security**
  security@usd497.org

- **Real-time Cybersecurity Map**
  https://cybermap.kaspersky.com/

- **Phishing Test**
  https://www.sonicwall.com/en-us/phishing-iq-test

Questions?

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Cybersecurity Maps

Link 1

Link 2