



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

Policies with most incidents

New & In progress, updated 8:00 AM

Business Plans (High Exposure)	728 incidents
Classified Information (High Exposure)	289 incidents
Social Security Number	212 incidents
Student PII (High Exposure)	129 incidents
IEP Information (High Exposure)	116 incidents





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

Platform	Event Category	Event Type	Asset	User	IP address	Location	Detected (UTC)
 Google	Auth	Login Challenge ➤ Raw Event: Login challenge			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

Compromised Accounts

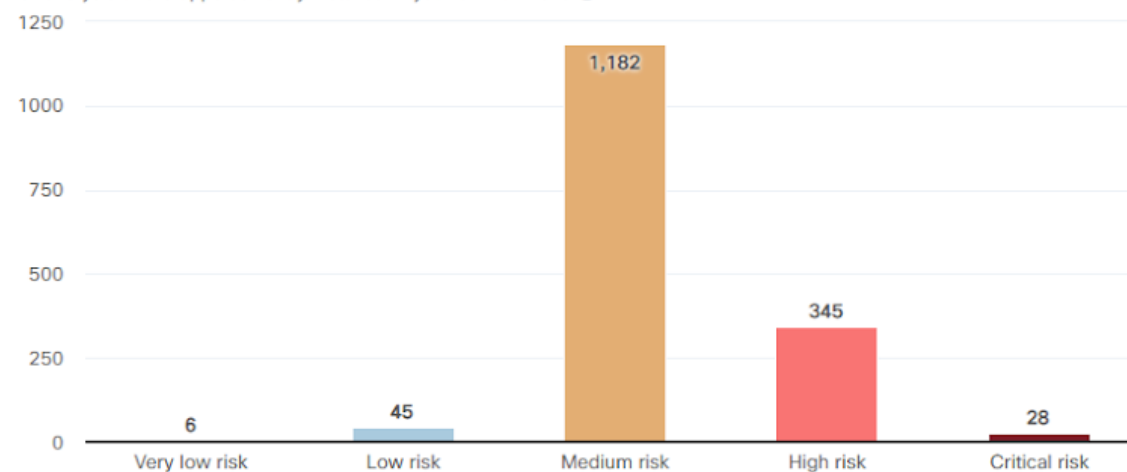
⚠ Most Risky Apps

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. ⓘ



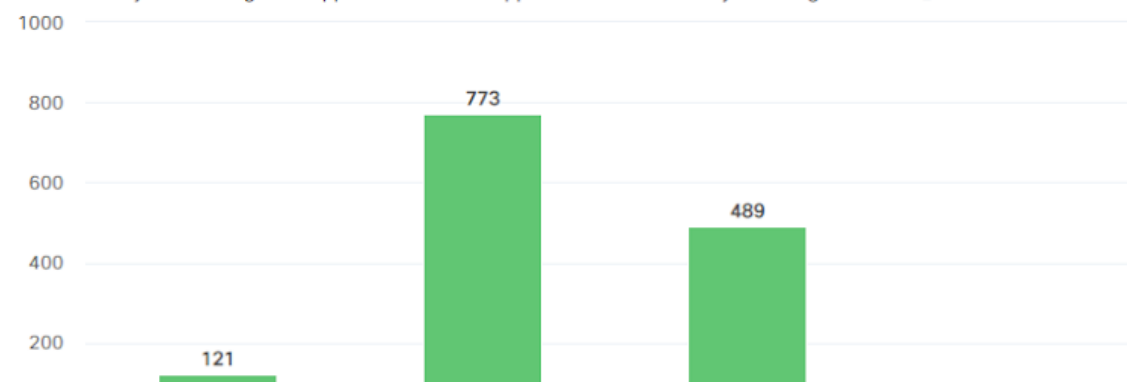
⚠ Users With Risky Apps

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

User	Critical	High	Medium
[REDACTED]	0	18	29
[REDACTED]	0	15	28
[REDACTED]	0	14	35
[REDACTED]	0	13	43
[REDACTED]	2	11	13
[REDACTED]	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?



Fri 10/6/2017 4:30 AM

PayPal <service@ppal.com>

Your assistance is required - user account restricted

Confirmation needed

Friday, 06th October



Your account has been suspended

Dear customer,

Our security system has detected an unauthorized payment attempt with your PayPal account ([REDACTED]). In order to avoid consequential damage, we temporarily restricted your account.

In order for you to be able to pay back online easily with your PayPal account, a confirmation of your data is required. Please click on "Confirm identity" to start the process.

[Confirm Identity](#)

[Help](#) [Contact](#) [Security](#) [App](#) [Offers](#)

This PayPal notification has been sent to [REDACTED] because you have activated your e-mail settings under "New from PayPal". To change these settings, [click here](#). Changes take effect within ten days.

Copyright © 1999-2016 PayPal. All rights reserved. PayPal is located at 2211 N. First St., San Jose, CA 95131.

Phishing

Microsoft Outlook interface showing a phishing email from PayPal.

Subject: Your assistance is required - user account restricted

From: PayPal <service@ppal.com>

Date: Fri 10/6/2017 4:30 AM

Body:

Confirmation needed Friday, 06th October

PayPal

Your account has been suspended

Dear customer,

Our security system has detected an unauthorized payment attempt with your PayPal account ([REDACTED]). In order to avoid consequential damage, we temporarily restricted your account.

In order for you to be able to pay back online easily with your PayPal account, a confirmation of your data is required. Please click on "Confirm identity" to start the process.

[Confirm Identity](#) <https://www.accountcenter-pp.net>
Click or tap to follow link.

[Help](#) [Contact](#) [Security](#) [App](#) [Offers](#)

This PayPal notification has been sent to [REDACTED] because you have activated your e-mail settings under "New from PayPal". To change these settings, click here. Changes take effect within ten days.

Copyright © 1999-2016 PayPal. All rights reserved. PayPal is located at 2211 N. First St., San Jose, CA 95131.

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


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

pdf

HubSpot

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

Hub ID: 3
Record #
Purchase Date: October 30 2017

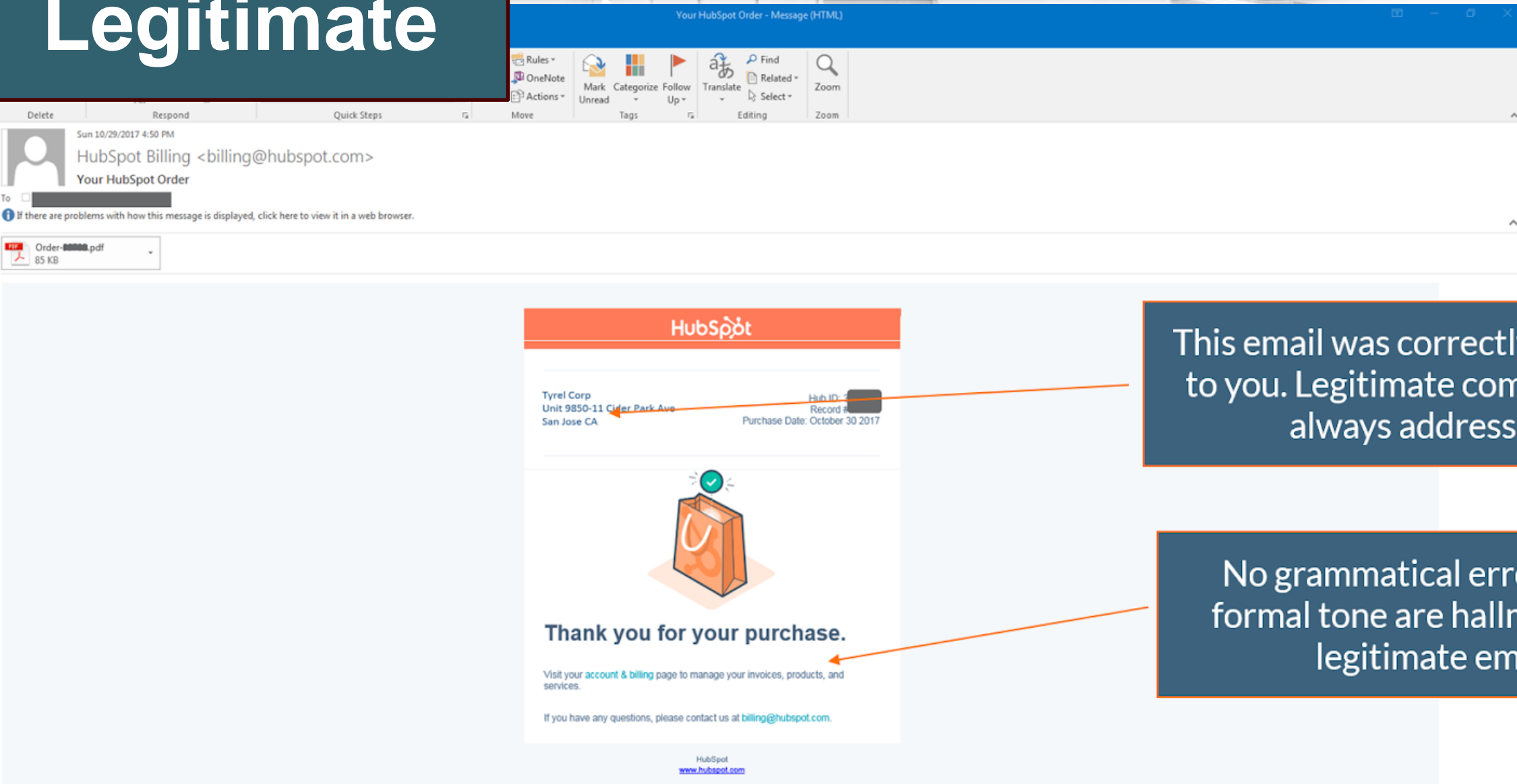


Thank you for your purchase.

Visit your [account & billing](#) page to manage your invoices, products, and services.

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

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?

Cybersecurity Maps

[Link 1](#)

[Link 2](#)