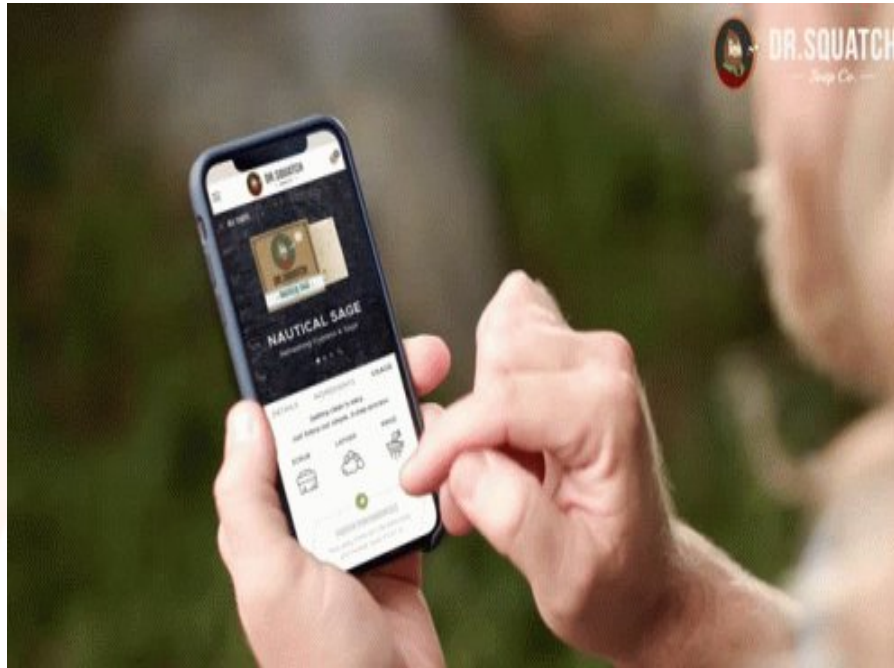


# When was the last time you checked your phone?



---

---

# Role of MDM in Enterprise Security

— Bhavika Raut —

---

---



# About Me

- Working on security products at miniOrange since 6 years
- Experienced in leading cross-functional teams to deliver user-focused products
- Skilled in identifying and addressing customer needs, driving product improvements

# Is Your Phone Safe?



- Think about the last time you checked your phone at work.
- It's not just a phone; it's a vault of corporate secrets.



# Mobile Devices at Work



# What's the Risk?



## Data Loss

- **Sensitive Data Exposure:** Stolen or Lost Device
- **Backups & Updates:** Inconsistent backup processes and delayed updates



# What's the Risk?



IAM Technologies, Cloud Security, Identity



Okta breach linked to employee's personal Google account

Simon Hendry November 6, 2023



Five of Okta's 134 customers had their systems targeted as a result of a breach of an employee's Google account. (Adobe Stock)

Okta said a previously disclosed [breach of its backend support case management system](#) allowed attackers to access files relating to 134 of the identity and access management (IAM) provider's customers.

## Unauthorized Access

- **Vulnerability to Breaches:** Unauthorized access
- **Network Threats:** Unsecured Wi-Fi networks

**Recent Events - Okta breach Sept 2023**



# What's the Risk?



## FTC Imposes \$5 Billion Penalty and Sweeping New Privacy Restrictions on Facebook

FTC settlement imposes historic penalty, and significant requirements to boost accountability and transparency

July 24, 2019 | [f](#) [t](#) [in](#)

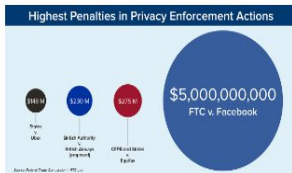
Tags: [Consumer Protection](#) | [Bureau of Consumer Protection](#) | [Privacy and Security](#) | [Consumer Privacy](#) | [Data Security](#) | [Social Media](#)

*NOTE: The FTC hosted an IN-PERSON press conference at FTC Headquarters, 600 Pennsylvania Ave, NW, Washington D.C., on July 24, 2019. Watch archival video of the press conference.*

*Participants included: FTC Chairman Joe Simons, FTC Commissioners Noah Joshua Phillips and Christine S. Wilson, and Gustav W. Eyster, Director of the Department of Justice Civil Division's Consumer Protection Branch.*

Facebook, Inc. will pay a record-breaking \$5 billion penalty, and submit to new restrictions and a modified corporate structure that will hold the company accountable for the decisions it makes about its users' privacy, to settle Federal Trade Commission charges that the company violated a 2012 FTC order by deceiving users about their ability to control the privacy of their personal information.

The \$5 billion penalty against Facebook is the largest ever imposed on any company for violating consumers' privacy and almost 20 times greater than the largest privacy or data security penalty ever imposed worldwide. It is one of the largest penalties ever assessed by the U.S. government for any violation.



### Related Cases

[Facebook, Inc., In the Matter of](#)

### Related actions

[Statement of Chairman Joe Simons and Commissioners Noah Joshua Phillips and Christine S. Wilson Regarding the Matter of Facebook, Inc.](#)

[Prepared Remarks of Chairman Joe Simons at FTC Facebook Settlement Press Conference](#)

[Dissenting Statement of Commissioner Rohit Chopra Regarding the Matter of Facebook, Inc.](#)

[Dissenting Statement of Commissioner Rebecca Kelly Slaughter Regarding the Matter of FTC vs. Facebook](#)

[WSJ Opinion: Facebook Settlement Vindicates Consumer Privacy](#)

## Compliance Penalties

- **Regulatory Non-compliance:** Failure to comply with data protection regulations can lead to hefty fines.
- **Reputation Damage:** Non-compliance incidents can tarnish a company's reputation and erode customer trust.

## Recent Events of 2018 - Facebook



# FTC Imposes \$5 Billion Penalty and Sweeping New Privacy Restrictions on Facebook

FTC settlement imposes historic penalty, and significant requirements to boost accountability and transparency



July 24, 2019 | [f](#) [t](#) [in](#)

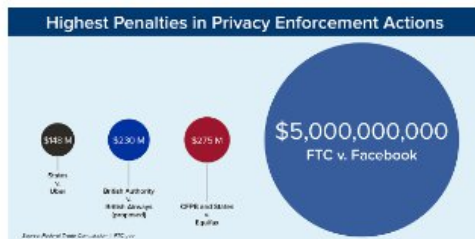
**Tags:** [Consumer Protection](#) | [Bureau of Consumer Protection](#) | [Privacy and Security](#) | [Consumer Privacy](#) | [Data Security](#) | [Social Media](#)

*NOTE: The FTC hosted an IN-PERSON press conference at FTC Headquarters, 600 Pennsylvania Ave, NW, Washington D.C., on July 24, 2019. [Watch archival video of the press conference.](#)*

*Participants included: FTC Chairman Joe Simons, FTC Commissioners Noah Joshua Phillips and Christine S. Wilson, and Gustav W. Eyster, Director of the Department of Justice Civil Division's Consumer Protection Branch.*

Facebook, Inc. will pay a record-breaking \$5 billion penalty, and submit to new restrictions and a modified corporate structure that will hold the company accountable for the decisions it makes about its users' privacy, to settle Federal Trade Commission charges that the company violated a 2012 FTC order by deceiving users about their ability to control the privacy of their personal information.

The \$5 billion penalty against Facebook is the largest ever imposed on any company for violating consumers' privacy and almost 20 times greater than the largest privacy or data security penalty ever imposed worldwide. It is one of the largest penalties ever assessed by the U.S. government for any violation.



IAM Technologies, Cloud Security, Identity

[f](#) [t](#) [e](#) [in](#)

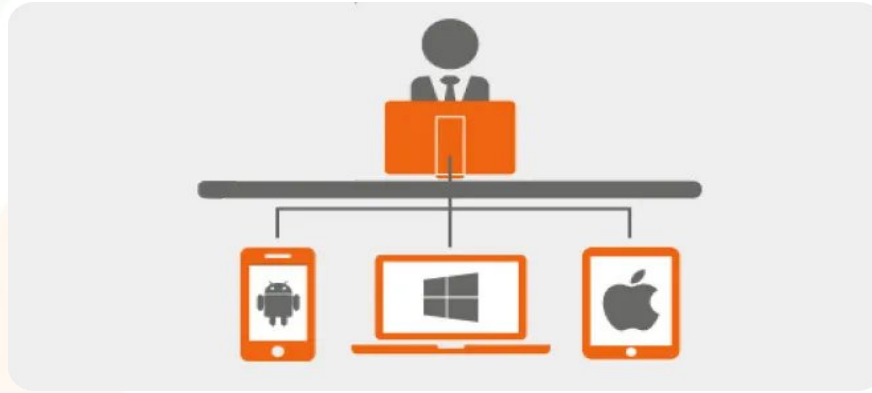
## Okta breach linked to employee's personal Google account

[Simon Hendery](#) November 6, 2023



Five of Okta's 134 customers had their systems targeted as a result of a breach of an employee's Google account. (Adobe Stock)

# The shield for your mobile fleet - MDM



- Manages devices - Laptop, Tablets, Smartphones, Wearable, other devices
- Supports - Company owned & BYOD

# Core Features of MDM



## Device Enrollment

- User + Device enrollment
- Corporate / Personal Devices
- Enrollment can be done by admin or user



## Policy Enforcement

- App + Group assignment
- Groups based on roles & responsibilities
- App & access restrictions



## Monitoring & Management

- Remote access to every enrolled device
- Configuration control

# Device Enrollment



The screenshot displays the miniOrange MDM web interface. The browser address bar shows 'mdm.miniorange.com/users'. The page title is 'miniOrange' and the current view is 'Users'. A '+ Add User' button is visible in the top left of the main content area. A modal dialog box titled 'Add user' is open, containing two input fields: 'Email' and 'User Name', and an 'Add User' button at the bottom. The background shows a table with two rows of user data.

ID	Email	User Name
1	testpayment772	
2	bhavika@securit	

# Policy Enforcement



MDM miniOrange

mdm.miniorange.com/androiddevices

Search

Switch Tenant

miniOrange

DASHBOARD

USERS

Device Groups

ANDROID

Android Enterprise

Devices

Policies

APPLE

## Android Devices

Sync Devices

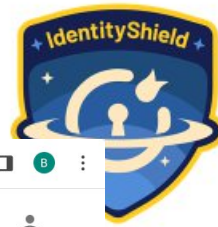
Enroll

ID	Type	User	Device Group	Brand	Model	Management	State	Policy	Actions
1	android	bhavika@xe...	default	Redmi	M2003J15...	PROFILE_OW...	ACTIVE	default	⋮
2	android	jjhohnson83...	CorporateDevi...	realme	RMX3710	DEVICE_OW...	ACTIVE	CorporateDe...	⋮

1-2 of 2

https://mdm.miniorange.com/androidenterprise

# Monitoring & Management



← → ↻ mdm.miniorange.com/androiddevices



miniOrange

Search

Switch Tenant



DASHBOARD

USERS

Device Groups

ANDROID

Android Enterprise

Devices

Policies

APPLE

Android Devices

Sync Devices

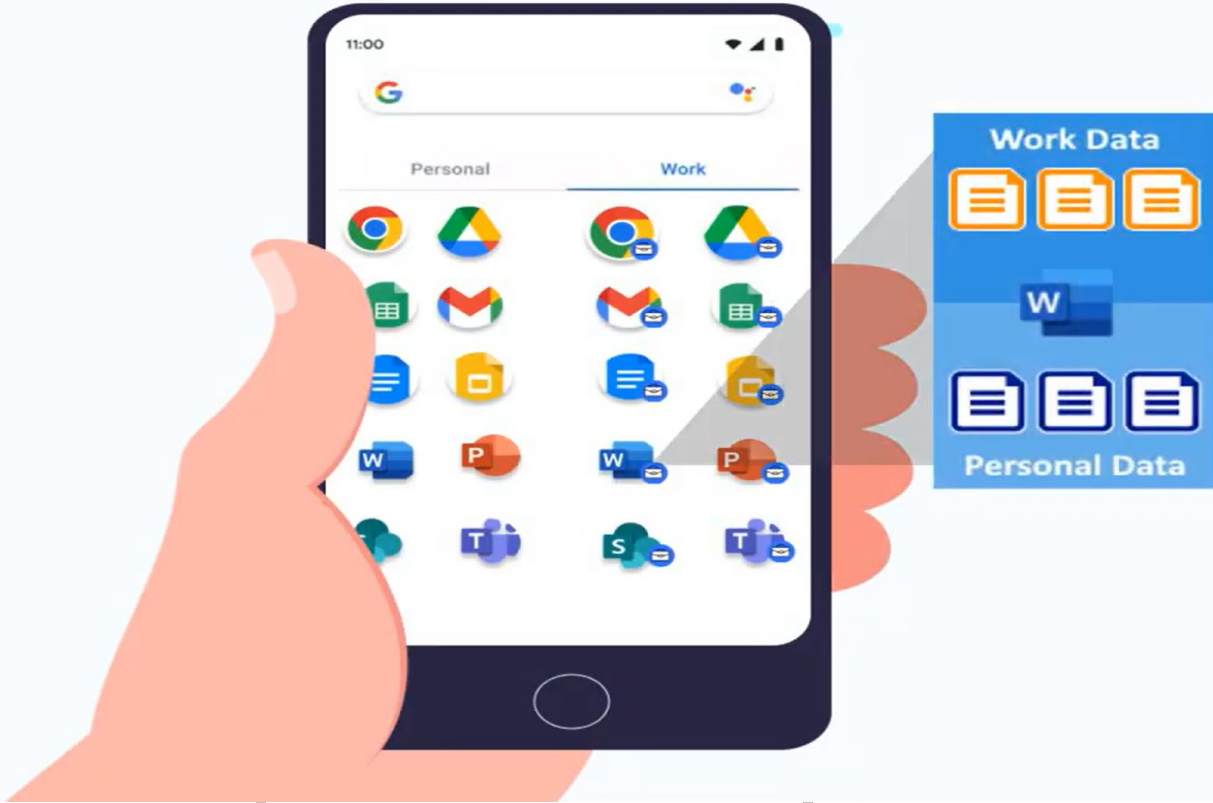
+ Enroll

ID	Type	User	Device Group	Brand	Model	Management	State	Policy	Actions
1	android	jjhohnson83...	CorporateDevisee	realme	RMX3710	DEVICE_OW...	ACTIVE	CorporateDe...	<ul style="list-style-type: none"><li>Lock Device</li><li>Clear Apps Data</li><li>Reboot Device</li><li>Reset Device Password</li><li>Start Device Lost Mode</li><li>Stop Device Lost Mode</li><li>Deprovision</li></ul>

1 row selected

1-1 of 1

# Overcoming Challenges using MDM:





# Key Takeaways:



1. Necessity of Mobile Security: Mobile devices access/store sensitive data, increasing breach risks.
2. MDM is essential for enforcing security policies and managing device security.
3. MDM enables device tracking, remote wiping, and security updates deployment.
4. MDM safeguards corporate information in a mobile-centric environment.

# Interested in Hands-on Demonstrations?



Please visit our Booth  
**Endpoint Defence**

# References -



- <https://www.prnewswire.com/news-releases/lookout-announces-the-industrys-only-endpoint-to-cloud-security-platform-301730069.html>
- <https://www.bankinfosecurity.com/okta-breach-tied-to-workers-personal-google-account-a-23520>
- <https://www.jdsupra.com/legalnews/reputational-damage-3-worst-cases-11-90321/>
- <https://www.ftc.gov/news-events/news/press-releases/2019/07/ftc-imposes-5-billion-penalty-sweeping-new-privacy-restrictions-facebook>
- <https://www.miradore.com/blog/hipaa-and-how-mdm-can-help/>
- <https://www.hipaavault.com/resources/hipaa-compliant-hosting-insights/mobile-device-management-hipaa/>
- [https://listings.pcisecuritystandards.org/documents/PCI\\_Mobile\\_Payment\\_Acceptance\\_Security\\_Guidelines\\_for\\_Merchants\\_v2\\_0.pdf](https://listings.pcisecuritystandards.org/documents/PCI_Mobile_Payment_Acceptance_Security_Guidelines_for_Merchants_v2_0.pdf)
- <https://iso27001guide.com/what-does-a-mobile-device-policy-need-to-include-iso27001-guide-iso27001-guide.html>
- <https://blog.scalefusion.com/iso-27001-2022-compliance-with-mdm>

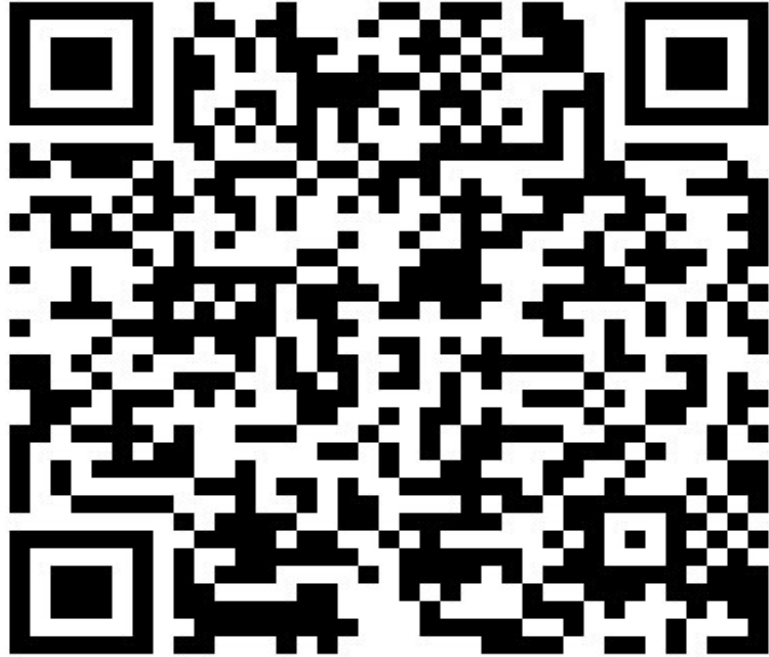


**Questions?**

Please scan the QR



to leave your feedback!





# Thank You!



[bhavika@xecurify.com](mailto:bhavika@xecurify.com)



[bhavika-raut](https://www.linkedin.com/in/bhavika-raut)

miniOrange