

Conclusion

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We've seen how impactful deepfake technology can be throughout the past exercises and narratives. While AI provides valuable tools that can help us be more creative and expressive, it also gives us new and more effective methods to harm one another.

Using various deepfake technologies, criminals have found new ways to bypass security controls, defraud victims, and create new ploys to abuse their targets. What's more, as time passes, the tools these attackers use only become more refined and sophisticated.

Fortunately, just as attackers work on new ways to abuse AI, researchers are developing new tools to detect these attacks. The more sophisticated the attacker's algorithms become, so do the defenses.

As with all realms of security, new challenges rarely mean the end. Instead, they are a continuation of the cat-and-mouse game that attackers and defenders have been playing.

