



# Update from the Cybersecurity Front Lines

## FISWG

Charles Carmakal  
SVP and CTO

## SVP & CTO

- Based in Washington DC, USA
- Leads a team of incident responders that have responded to over a thousand incidents
- 20+ years of experience with incident response and red teaming
- Previously led the security consulting business at a Big 4 consulting firm
- University of Florida alumnus
- [charles.carmakal@mandiant.com](mailto:charles.carmakal@mandiant.com)

Charles Carmakal



A photograph of a wheat field. The top half shows several wheat stalks against a clear, bright blue sky. The bottom half shows a dense field of golden wheat stalks, with some in sharp focus and others blurred in the background. A white horizontal band is overlaid across the middle of the image, containing the text.

# **RUSSIA INVASION OF UKRAINE**



**INTRUSIONS BY CHINA-BASED OPERATORS**

A black and white photograph depicting a scene of extortion. In the center, a person wearing a mask and a dark jacket is holding a knife. The person is surrounded by numerous US dollar bills scattered on the ground. The image is dark and grainy, creating a sense of mystery and danger. A white horizontal band is overlaid across the middle of the image, containing the text "MULTIFACETED EXTORTION".

## MULTIFACETED EXTORTION



# SECURITY VULNERABILITIES





# Questions?

**Charles Carmakal**

SVP & CTO

Mandiant

[charles.carmakal@mandiant.com](mailto:charles.carmakal@mandiant.com)

+1 864 735 7242

<https://www.linkedin.com/in/charlescarmakal>