



# OPFOR Emulation

## Opposition Force Emulation Services

Assured Information Security's (AIS) Opposition Force (OPFOR) emulation services provide customers the opportunity to test their services and procedures against emulated real-world modern threats.

OPFOR brings together AIS's advanced capabilities in offensive operations, defensive operations, cyber threat intelligence (CTI) and agile software development to provide advanced testing and validation of defensive capabilities.

## Beyond Penetration Testing

*OPFOR services offer the next level of cybersecurity testing against defensive teams and capabilities.*

Unlike traditional vulnerability assessments, OPFOR testing evaluates the target's response to realistic, emulated attacks. This approach provides trainers, team leads, developers and researchers with critical insights into their resilience against advanced persistent threat (APT) actors, ensuring they are better prepared for real-world threats.

AIS's OPFOR services can provide custom attack chains to test a wide range of capabilities, including threat hunting teams, malware detection capabilities and AI models.

## Testing Against Advanced Threats

*Advanced threat actors utilize a range of implants, from publicly accessible malware frameworks to advanced custom binaries.*

Customizing and developing implants for testing and verification purposes, however, can be time consuming and difficult. This restricts testing of defensive and detection capabilities, leaving them vulnerable to missing advanced attacks. AIS's OPFOR testing executes emulated attacks of real-world adversaries against capabilities, providing valuable data on capability responses to even highly custom and unique attacks.

## Custom Mimicware

*Extensive knowledge and direct experience.*

With AIS's extensive background in offensive operations and threat intelligence, OPFOR emulation can provide highly customized implants and fake malware (mimicware) samples for testing against defensive teams and detection capabilities. AIS has a proven record of providing highly advanced implants for threat hunting training and for emulated attack chains.

### OPFOR ADVANTAGE

- Realistic attack evaluation
- Better real-world preparation
- Custom attack chains
- Highly custom attack data



## Next-Level Cybersecurity Testing

FOR MORE INFORMATION

[bd@ainfosec.com](mailto:bd@ainfosec.com)



**Assured Information Security**

**315.336.3306**

**[WWW.AINFOSEC.COM](http://WWW.AINFOSEC.COM)**

### About Assured Information Security (AIS)

AIS provides critical cyber and information security services, products and operations to commercial and government customers. Founded in 2001 and headquartered in Rome, New York, AIS has multiple operating locations and employees throughout the United States.