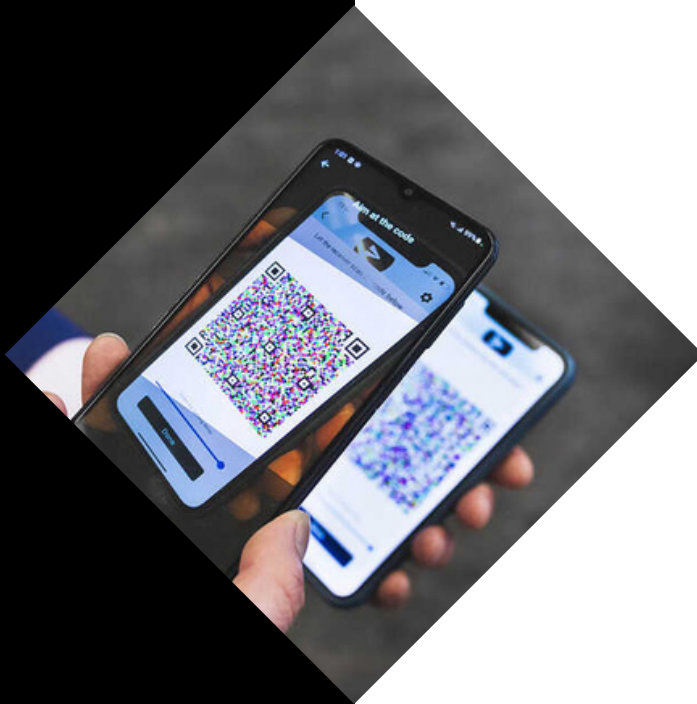




**TACTICAL**  
SOLUTIONS GROUP  
SEMPER PARATUS

## About TSG

Tactical Solutions Group provides an array of integrated systems that facilitate secure, real-time, and interoperable communications across different operational domains. These platforms are designed to support critical sectors such as government, military, financial, public utilities and the mining industry, where seamless coordination, security, and reliability are paramount.



# OBSIDIAN

## Secure Digital Information Exchange

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Providing offline encrypted transmission  
and reception of data

**Ever need to transmit a photo or a file completely without detection? **OBSIDIAN**** is a secure digital information exchange application that allows you to transmit and receive encrypted data offline. Its completely passive, without network connection or RF transmission. From one device to another, its completely air-gapped and unidirectional. The file transfer can't be detected, intercepted or traced. **OBSIDIAN** works cross-platform to and from any device that has the application loaded, and an embedded camera. For those who need to transfer the most sensitive information without the possibility of detection or interception, **OBSIDIAN** is the tool for you.

**50 YEARS**  
**SOLVING**  
INTEGRATION AND  
INTEROPERABILITY  
CHALLENGES



# OBSIDIAN Feature Offerings

## PROTOCOL

- **Sending**
  - Select any file to send
  - The algorithm encodes the file into a data matrix
  - Display the data matrix to the receiver
- **Receiving**
  - The data matrix is scanned by the device's camera
  - The algorithm decodes the data matrix back to original file
  - The file has been received

## CROSS-PLATFORM COMPATIBILITY

- Works with iOS and Android hand phones
- Also, with camera-equipped desktops or laptops
- OBSIDIAN SDK allows for linkage into other applications

## EXTRA FEATURES

- Supports all file formats
- No file size limitations
- Unlimited transfers
- Military, medical, financial & intelligence info all securely transferred

## ENCRYPTION FEATURES

- Baseline encryption of all data is at minimum 256-bit AES encryption
- Transmitted file is encoded into a dynamic datamatrix [QR code] prior to sending
- Standard device camera linked to OBSIDIAN receives and decodes the encrypted file

## DEPLOYMENT AND PRICING OPTIONS

- OBSIDIAN prices end user licenses based upon the number of users
- Max transfer speed dependent upon license
- Advanced integrations with internal systems
- Complete training and support during deployment