

# Binary Code Analyses

## Context

BINSEC brings the strength of **formal methods** to binary code to **change the game** of security analysis.

**Applications:** APT, vulnerability detection, malware analysis,...

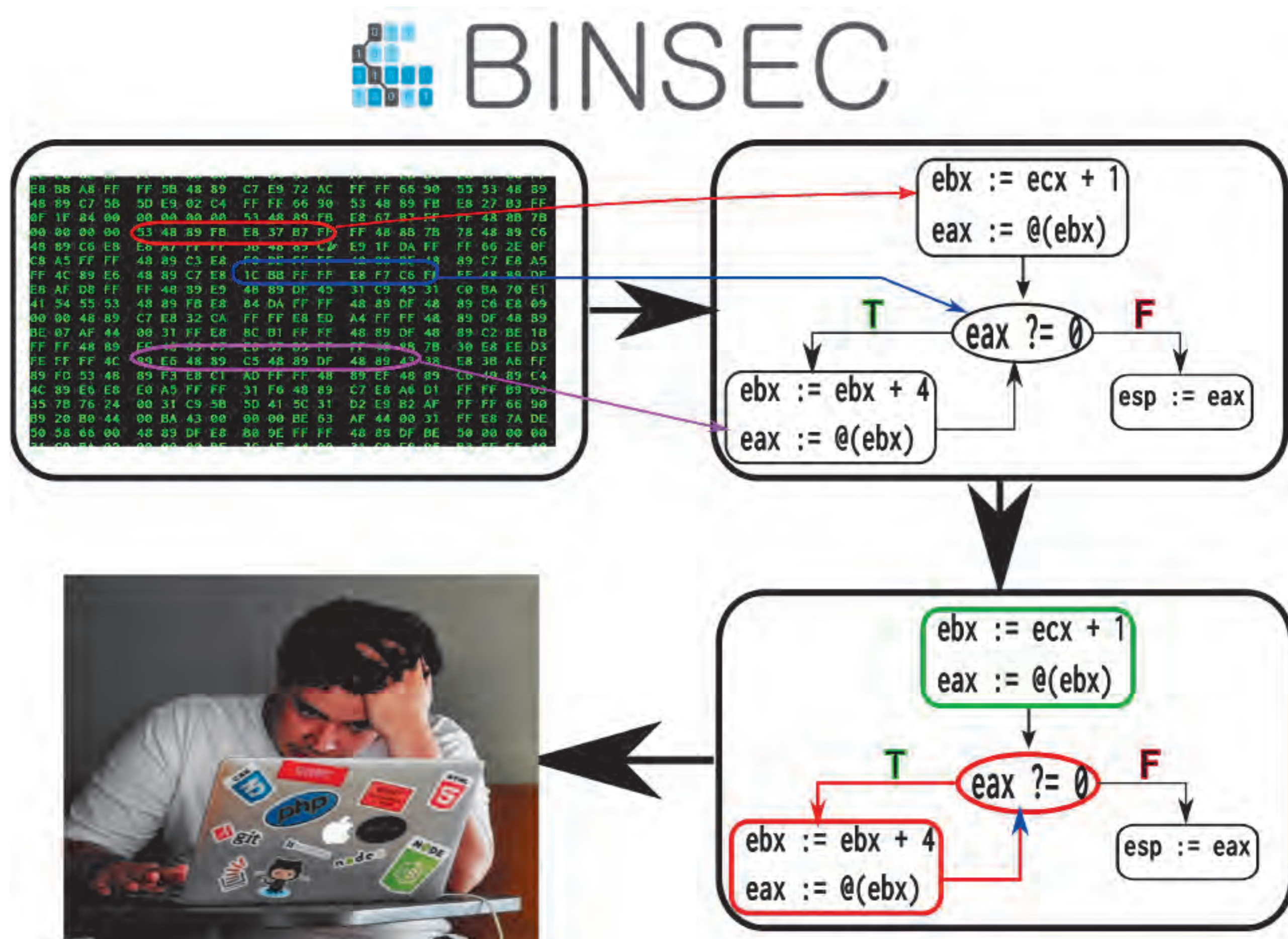
## Innovation

BINSEC is an **open-source** platform with powerful **semantic tools** for binary-level security analyses.

- Multi-architecture, static and symbolic analysis
- Reason about all behaviors in an approximated way
- Find subtle or hidden behaviors

## Feats

Detect and remove obfuscation in XTunnel malware  
CVE-2015-5221 in JasPer



## Perspectives

Young dynamic **open-source** platform

International-level expertise and cutting-edge prototypes

<http://binsec.gforge.inria.fr>

## Contact

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