

# Proactive Protection Technology & Defends of Information Assets



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[www.techcom-invest.hu](http://www.techcom-invest.hu)

# Introduction.



**Tech-Com Invest corporate portfolio includes projects, which are focused on sales, distribution, and IT business development of:**

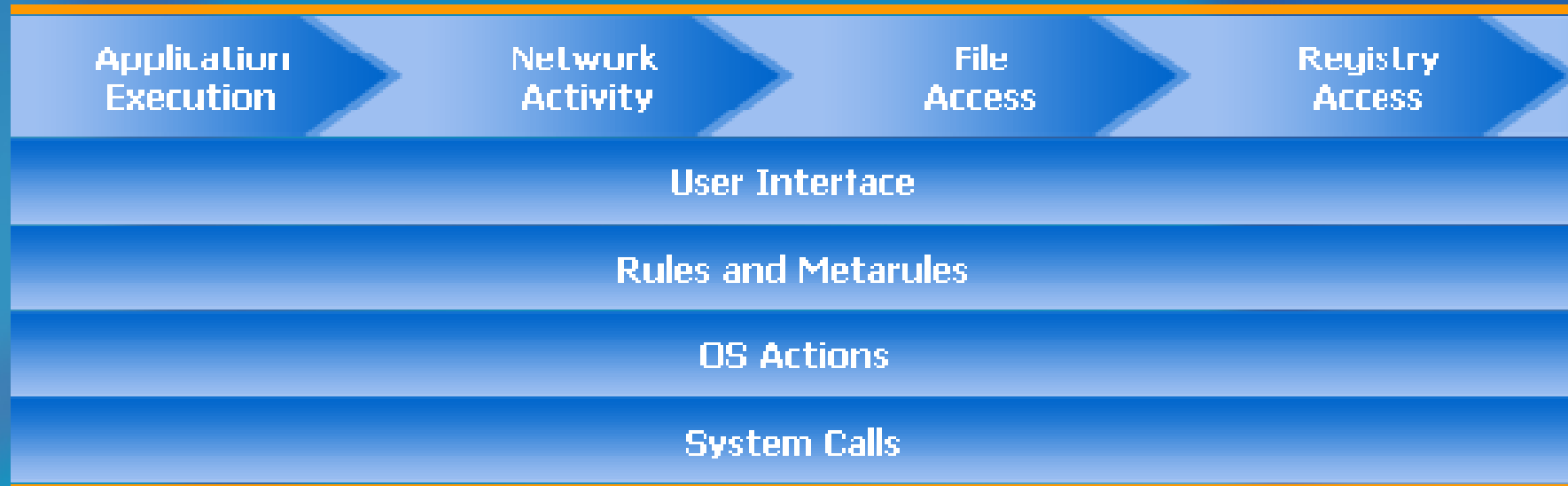
- **Proactive protection technology (developed by S.N.Safe & Software Ltd),**
- **SaaS platform for document management & collaboration workflow for construction and engineering industry (developed by Sword GmbH),**
- **WebTV business channel broadcasting (produced by YourBusinessChannel),**
- **Transport Management System software solution (developed by Transorg Kft).**

# What's the problem?

- **Too many viruses for security products that rely on signature databases to keep users protected**
- **No real protection against zero-day threats**
- **White-listing alone can't solve the problem**
- **Nor behavioral detection alone**
- **Nor sandboxing alone**

**A new, all-encompassing approach is needed.  
That approach is VIPO®  
Valid Inside Permitted Operations Technology**

# VIPO® Technology



**Based on system function call interception at the OS kernel (Ring 0) level and loaded ahead of all other apps, VIPO identifies, analyzes and can block:**

- **Access to file system and registry objects**
- **Application execution**
- **Any other network activities that have the potential to impact application integrity**

# Protection against the full range of threats

- **Advanced behavioral analysis is combined with VIPO to control the safe operation of every application in real time**
- **Analyzes application activity and blocks potentially dangerous actions that could disable systems or corrupt information**
- **Blocks all known malicious threats, as well as unknown “zero-day” attacks not yet added to signature databases**
- **Secures against viruses, worms, Trojan horses, hacker attacks, spyware, rootkits, keyloggers, exploits, illegal remote control, and targeted spear phishing attacks**
- **Optionally available with integrated virus scanner to ensure a clean machine on which to build the known-good system profile**

# Benefits of VIPO

- **After learning period, delivers uninterrupted computing experience with complete customized protection active in the background**
- **Stops known and unknown threats automatically with no need for signature updates, false alarms, or incomprehensible questions about permissions**
- **Learns how users use their PC to deliver individualized protection**
- **Protects passwords, credit card data, and other confidential information from access by unauthorized third parties**
- **Small footprint and minimal usage of system resources keeps PCs operating at peak performance**
- **Includes anti-virus to ensure a clean machine prior to installation**

# The Tech-Com Invest Research Project Idea

## The Call:

Comprehensive test over presented intrusion-prevention technology where in case of reliability approval, it becomes the most affordable protection for corporate information assets based on cost vs. added value ratio.

## The Method:

The research should be carried out in a form of comprehensive attack-traffic simulators that require serious set-up.

## Goals of the challenge

- Find weak points of the Safe'N'Sec solution, show how it can be disabled on-the-fly
- Use the EICAR (European Institute for Computer Antivirus Research) standard anti-virus test to prove deactivation is successful
- Obtain a fully verifiable evaluation



# The Tech-Com Invest Research Project Idea

## Advantages for SMEs and Industry:

- **Technology establishes reliable and secure information system for internal control over the use of corporate resources. This product increases effectiveness of business- processes. It helps to make in-time administrative decisions, with a focus on financial risks minimization and increase in the profitability of business. Originally very competitive cost of technology will be leveraged by comprehensive test of regionally known and trusted IT Lab's (IT companies). Issue of localised IT support and training can be resolved instantly by technology vendor.**

## **Profile of partners sought:**

- **IT Labs,**
- **ICT companies,**
- **Founding Organisations from the region**



# Thank You

**Tech-Com Invest Kft**

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