

What if Webouncer offered a honeypot with analysis and protection for productive systems at the same time?

NEW AREA OF WEB SECURITY  
CARSTEN KLEIN

## Webouncer as protection with analysis and honeypot function.

Webouncer can do more, so the digital twin not only filters, but also:

1. **Deceives attackers:**  
Instead of blocking attacks, the digital twin delivers the honeypot directly. To keep attackers busy for longer and collect more data.
2. **Productive systems protect:**  
The real application remains isolated, and the attack is logged by binding.

## What does it look like technically?

1. **Digital twin as honeypot:**  
Each twin can become a high-interaction honeypot.
2. **Analysis:**  
The existing analysis categorizes attack patterns (e.g. B. SQL injection, DDoS) and generates reports.

## Advantages:

- **Dual function:**  
protection and analysis in one – Webouncer fends off attacks and provides valuable data.
- Due to its structural design, WEBOUNCER protects against zero-day vulnerabilities.
- **Realistic deception:**  
The digital twin decides whether the honeypot is offered based on the attack pattern.
- **Efficiency:**  
Cybersecurity companies can effectively continue to operate old "burned" systems thanks to the functionality of WEBOUNCER.
- **Resource expenditure:**  
slightly increased traffic
- **No risk, as everything runs only through the target server**
- **Code 200:**  
By delivering the code 200, attackers immediately recognize a secured page by WEBOUNCER, as special requests are usually sent that definitely show at least 1 error (output unknown code). When the honeypot is activated, the codes are emitted 1:1.

## Costs:

The hybrid system is included as standard, for an additional fee, the hybrid system can be downgraded to a pure protection mode, disabling the honeypot function.

## Comparison with existing solutions

Classic WAFs: Protect, but don't analyze in depth. Webouncer as a honeypot is more proactive. Combination approaches (e.g. WAF + Honeypot): Require separate systems – Webouncer offers everything in one.

## What is the result?

For Enterprises:

Is an all-in-one tool that combines protection and threat intelligence.

For the security industry:

A new standard that seamlessly integrates deception and defense.

For attackers:

Impossible to identify real targets.

## Conclusion

**Webouncer delivers cutting-edge protection, in-depth analysis, and sophisticated honeypots to safeguard and enhance productive systems. This is our groundbreaking innovation. By seamlessly integrating robust security with the strategic advantages of honeypots—such as deception and valuable insights—we offer a distinctive solution that sets us apart.**

With this implementation, Webouncer combines both worlds and offers companies real added value.