R&D phase | Research **Expected Commercialization** | FY27-

Mehr Licht!
More Photonics for Intelligence

#C14

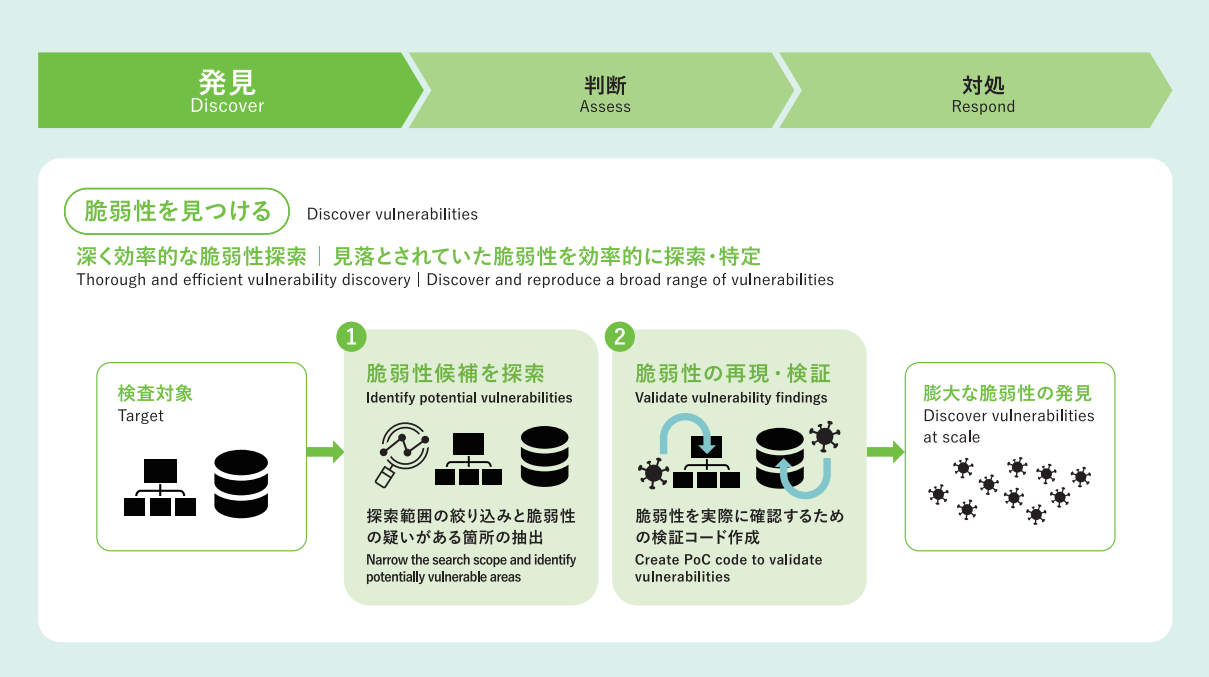
#Cybersecurity#Risk Management#Safety and Security

Vulnerability Discovery Technology

Efficiently search for previously overlooked vulnerabilities

Technical Challenges & Goals

Conventional vulnerability searches can identify many candidates, but numerous false positives make it difficult to pinpoint real vulnerabilities. Our technology combines efficient discovery and verification to accurately identify previously overlooked vulnerabilities.



Key Technologies

Core Technologies

- Efficient vulnerability discovery by analyzing and leveraging vulnerability patterns
- Rigorous vulnerability discovery using logic-based software analysis

Key Differentiators

- Switch between AI models to suit different usage requirements
- Efficient and rigorous vulnerability discovery without relying solely on AI model performance

Use Cases

Information Technology (IT)

In addition to verifying the security of in-house software, this technology supports security-assessment services that check for vulnerabilities in software and systems developed or built by other companies.

Exhibitors

NTT, Inc. Social Informatics Laboratories