Penetration Testing

A comprehensive industrial-tailored cyber threat "reality check"

In today's dynamic digital environment, traditional static modeling is simply ineffective. A periodical hands-on penetration test by a well-trained red team can validate the implemented mechanism.
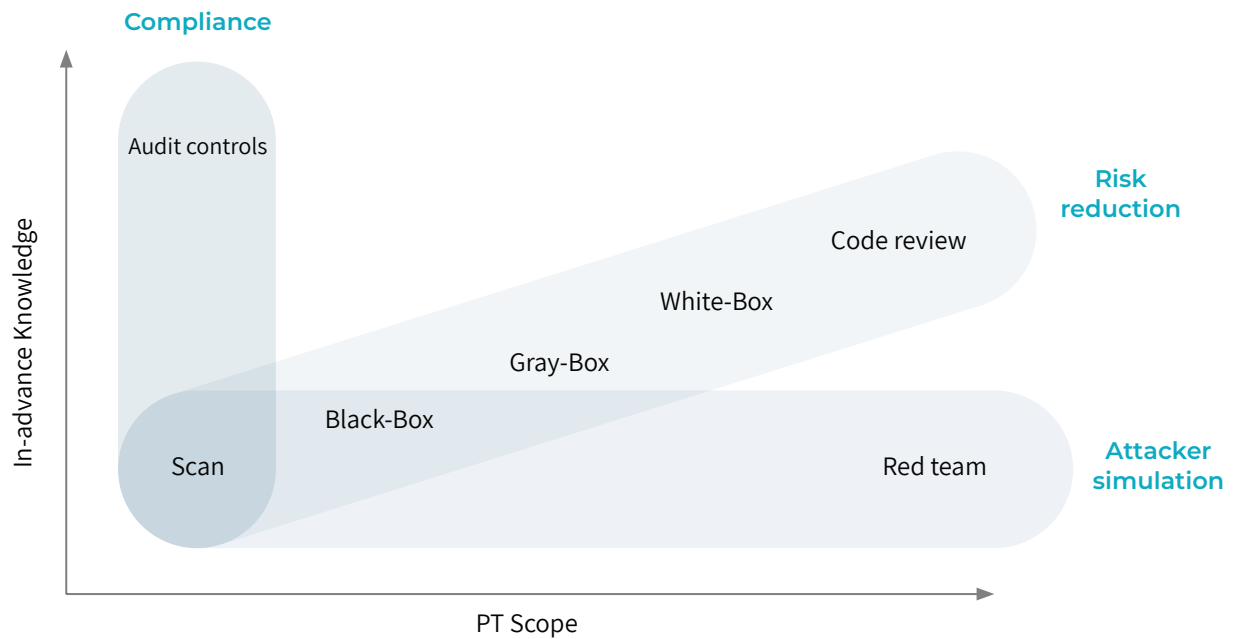
OTORIO's teams, equipped with unmatched nation-state military experience in hacking mission critical infrastructures, developed a tailored approach for industrial Penetration Testing.

Test results are presented in a focused report, prioritizing the identified attack vectors according to their potential business impact. By using a step-by-step technical description of the attack vectors, the report describes an effective and efficient mitigation road map.

In addition to the technical description, the report provides a brief summary for senior-level executives on the potential business impact and suggested re-mediation programs.

Tailored-made methodology for operational environments

Penetration Testing in the industrial IT-OT environments requires a different approach and competence than in enterprise settings. The OT environment rapidly connects sensors and control devices to the IT environment, creating an amplifying risk effect. Using an unsuitable methodology, tool set, or executing them poorly, may lead to operational failure.

OTORIO's "special forces" offer a broad spectrum of attack simulations starting from black-box and red team tests, to code reviews and audit control.

OTORIO - Industrial-native cyber and digital risk-management solutions provider

OTORIO combines the professional experience of top nation-state cyber-security experts with cutting edge digital risk-management technologies to provide the highest level of protection for the manufacturing industry. OTORIO's automated Digital Risk-based Maintenance solution aggregates threat data analysis to provide deep insights into industrial control systems, identifying risks and mitigating them before they can cause damage.

Our cyber experts work closely with our customers' cyber and operational teams to tailor solutions that address their specific industrial digital security needs, according to their level of digital maturity. OTORIO empowers industrial companies to implement, automate, and operate secure production, making way for a safer, more reliable and productive industry.