

Security Risk Visualization and Countermeasure Support Service Based on Industrial Site Assessment

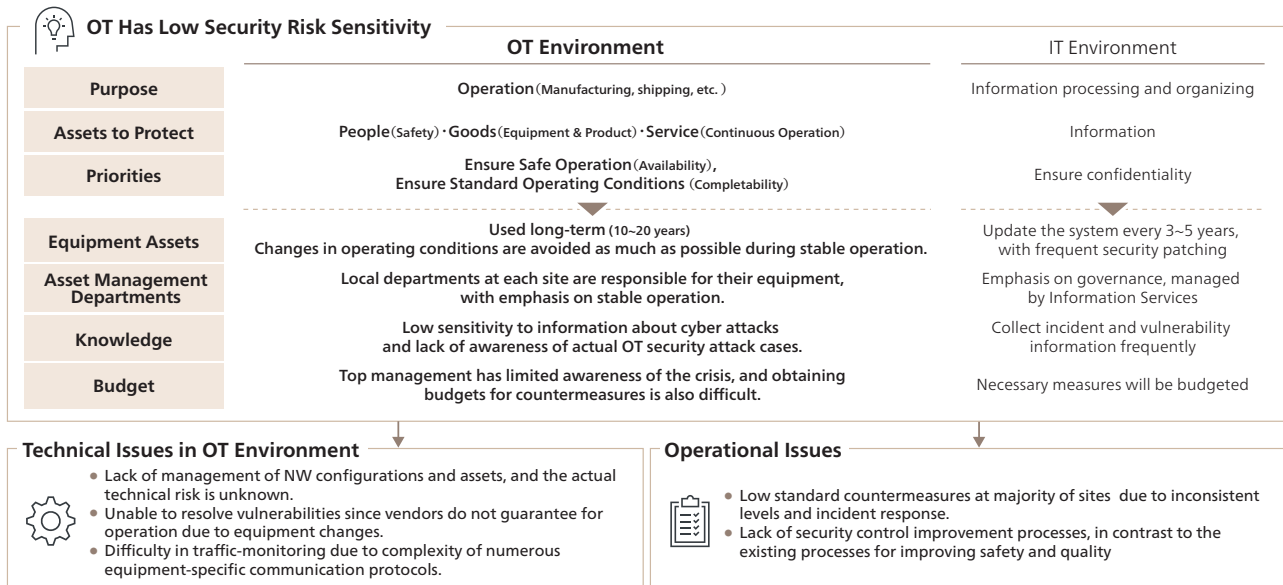
Support for reducing business risks associated with process transformation at industrial sites using Digital Technology x IT/OT security knowledge

As part of DX, the importance of security countermeasures in factories is gaining attention due to the recent trend of industrial sites (OT : Operational Technology) being increasingly connected to external networks. This trend increases the points of contact between the OT environment and cyber attacks, which can lead to operational downtime and security violation. Consequently, buyers are increasingly demanding OT-sites to conform the security standards during transaction. The risk for failing to comply with the security standards is serious as to it may suspend transactions.

ABeam Consulting helps clients reduce their business risks by clarifying OT security from its "As-Is" state to its "To-Be" state, and by supporting the implementation of security measures, which is done by utilizing its knowledge and experience of security countermeasures in both IT and OT.

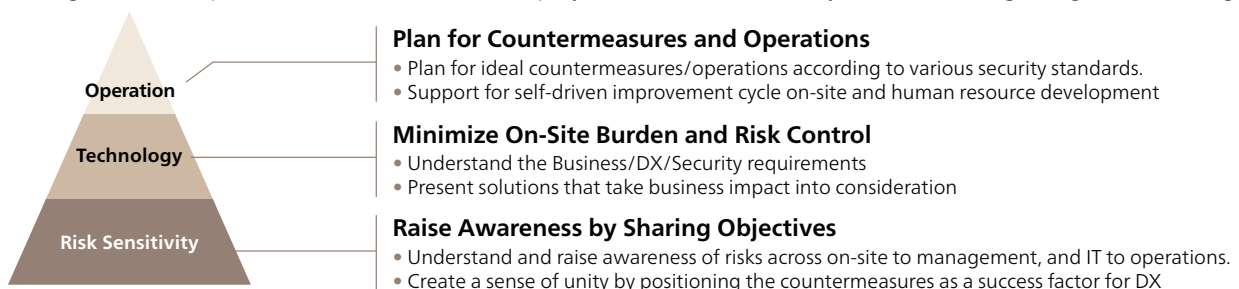
Real Cause Why Security Measures Have Not Progressed in OT Domain

OT is an environment developed for different purposes than IT. Therefore, there are issues that prevent the deployment of IT security countermeasures, standards, and operations to OT. IT departments are also unable to take any countermeasures, and the management organization, network, rules, and operations are all separated from each other. This causes inconsistencies in countermeasures at each site, magnifying potential risks at security holes. To prevent OT incidents, it is important to promptly visualize the present situation, and to plan and implement long-term countermeasures.



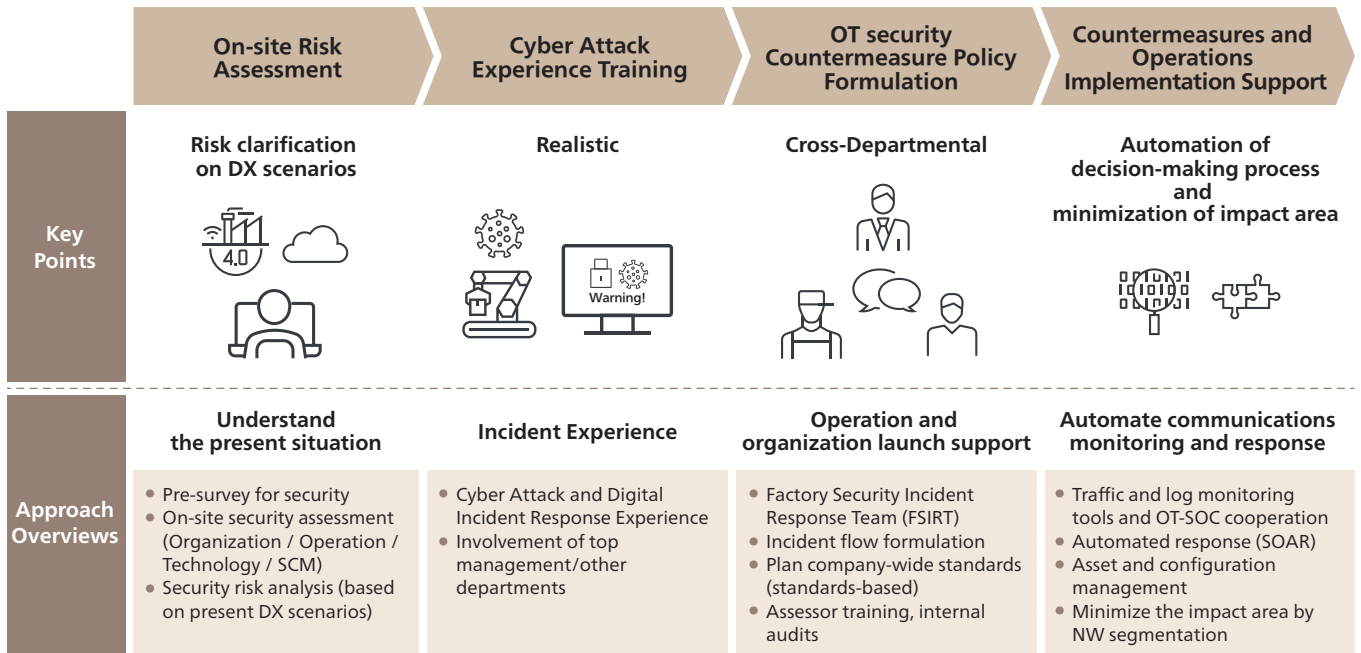
Service to Resolve Issues: OT Security Risk Visualization and Countermeasures Support

ABeam Consulting's consultants, with knowledge and experience in both IT and OT security, visualize risks and share the purpose to countermeasures on-site. We also support the smooth operation of OT security countermeasures as a success factor for DX by utilizing deep understanding of the on-site processes and DX needs of each company based on our broad industry and service coverage as a general consulting firm.



The Value Proposition of ABeam Consulting

The key points of OT security are raising security awareness and minimizing on-site impact and burden. ABeam Consulting combines the knowledge of consultants with expertise in digital technologies and backgrounds in various industries/sectors to visualize the potential risks in a company's DX scenario. This allows us to share the purpose of security countermeasures on-site and to raise security awareness. We also combine our knowledge of security/OT operation to recommend countermeasures that balance risk, operations, and cost, and provide support for implementation of the countermeasures while minimizing on-site impacts and operational burdens.



Effects of OT Security Risk Visualization and Countermeasure Implementation Support Services

In this service, ABeam Consulting defines the ideal OT security countermeasures and supports the implementation of the countermeasures for the issues addressed in the OT domain. Our security and digital technology consultants combine their knowledge of on-site equipment and operations to complete each step. By doing this, we help clients to reduce security incidents at OT sites and business risks due to delays in implementing countermeasures, thereby contributing to the DX.

