TÜV Rheinland
Cyber Agility Services for NIST IR 8425

As the Internet of Things (IoT) continues to grow and evolve, it's more crucial than ever to ensure that these devices are properly secured to prevent cyber-attacks. **The National Institute of Standards and Technology (NIST) has published NIST IR 8425**, which provides Core Baseline for Consumer IoT Products for manufacturers with a big emphasis on cybersecurity for IoT devices. With the increasing number of IoT devices being deployed in public and private sectors, it is important to understand the importance of cyber security for IoT devices, and how NIST guidelines can help ensure their security.

TÜV Rheinland Cyber Security Services offerings for NIST IR 8425 include:

1. **Device Penetration testing and vulnerability assessments**
This service would involve simulating a cyber-attack to discover vulnerabilities and security weaknesses presented by the device itself, or any components that the device directly communicates with, such as mobile applications or any cloud-based web services.

2. **Assessment and auditing**
This service would involve conducting a thorough security assessment of IoT devices for manufactures, identifying risk, vulnerabilities and weaknesses, and recommending remediation actions.

3. **IoT device cybersecurity program development**
This service would involve in defining requirements base on NIST IR 8425, designing a program, and assisting with program implementation.

4. **Cyber incident recovery and business continuity**
This service would involve working with organizations to develop and implement recovery and business continuity plans to minimize the impact of cyber incidents on their operations.

5. **Cybersecurity awareness training**
This service would involve providing training to employees on how to identify cyber threats and how to respond to them.

6. **Incident response planning and readiness**
This service would involve working with organizations to develop incident response plans, procedures, and policies, as well as training employees on how to respond to cyber incidents.

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