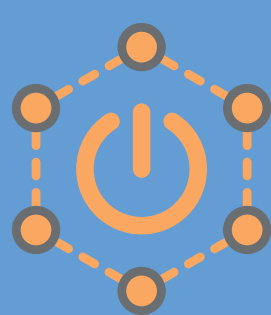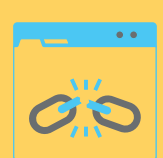# Do you **comply** with the **Government's** new **Digital Initiative?**

"Secure by Design" - Improve IoT Security

1 No default passwords
Passwords unique to each device

2 Implement a Vulnerability disclosure policy
Provide a public contact to liaise with security researchers

3 Keep software updated
Ensure your IoT devices can be securely updated

4 Securely store credentials
All security credentials must be securely stored with the service and on devices

5 Communicate securely
Security related or sensitive data should be encrypted during transit

6 Minimise exposed attack surfaces
Devices should operate on the principle of least privilege

7 Ensure software integrity
Device software must be verified using a secure bootloader

8 Protect Personal Data
Comply with General Data Protection Regulations (GDPR)

9 Resilient systems
Systems and devices should be resilient and remain functional through outages

10 Monitor system telemetry data
Monitor the data for anomalies

11 Consumers control their data
Ensure that consumers are informed how to delete personal data

12 Easy installation and maintenance
Minimal steps required by the consumer to install and maintain device security

13 Validate inputs
Validate all data via user and application interfaces

"Secure by Design" specifies the **"What?"**, if you need help with the **"How?"**, contact us: connected.devices@gemserv.com

Gemserv