

Cyber security should be considered at all stages in the life of a smart street solution. This cheat sheet is a quick reference to help you identify recommended steps you can take to ensure your smart street at each stage. Recommendations start in a particular stage but may require continued efforts as the lifecycle progresses.

MfSS Lifecycle	Cyber Security Stage	Cyber Security Guidance to Consider in Each Stage
1. Vision 2. Define Needs	SECURITY PREREQUISITES	A1 – Ensure Your Cyber Security Management System is Fit for a Connected Place A2 – Establish the Rationale for Securing Your Connected Place A3 – Define Security Roles and Responsibilities for Your Connected Place A4 – Establish a Security Assurance Framework A5 – Dictate Security-Informed Project Management A6 – Improve Staff Security Awareness and Training A7 – Consider Cyber Security in Supply Chain Management
3. Market Testing 4. Strategy and Plan	SECURITY CONCEPT	B1 – Consider Security as Early as Possible B2 – Ensure All Projects Have Security Accountability and Responsibility Defined B3 – Understand the Cyber Security of Existing Systems and Consider the Security Implications of the Project B4 – Create a Project Security Assurance Plan
5. Specification	SECURITY DEFINITION	C1 – Identify Where Regulatory Requirements Potentially Impact Security Considerations C2 – Create a Zone and Conduit Model C3 – Conduct an Initial High-Level Threat and Risk Assessment (TRA) C4 – Develop Security Requirements Based on a High-Level TRA
6. Procurement 7. RFI and Tender 8. Tender Evaluation 9. Award	SECURE PROCUREMENT	D1 – Identify Relevant Security Standards and Guidance to Reference D2 – Use a Procurement Framework That Considers Cyber Security
10. Implement	SECURE DELIVERY	E1 – Continue Managing Security Risk E2 – Track Security Requirements E3 – Carry Out Appropriate Security Testing E4 – Securely Commission E5 – Document the Security Case
11. Operate 12. Evaluate	SECURE OPERATIONS	F1 – Conduct Periodic Security Testing and Manage New Vulnerabilities F2 – Manage Security Patching of Smart Streets Assets F3 – Monitor Systems for Unusual Behaviour F4 – Prepare for an Incident F5 – Audit Suppliers' Ongoing Security Programme
13. Decommission	SECURE DECOMMISSIONING	G1 – Securely Dispose of Hardware and Data