Timeline and Milestone	Year 1												Year 2											
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
Milestone 1: Detailed Current State Study																								
Collect documents on existing and relevant work																								
Understand the landscape of current M2M communication protocols																								
Review features of M2M in terms of security, overhead, standards, etc.																								
Write a survey paper on state-of-the-art on M2M communication protocols																								
Complete Interim Technical Report																								
Milestone 2: Study of Machines in Factory Setting																								
Evaluate and understand communication capabilities/protocol of the various types of machine.																								
Simulate machine communications by writing software or using third party tools																								
Build library containing machine type specific data format																								
Milestone 3: Design a lightweight protocol																								
Formulate a lightweight protocol that has less performance overhead																								
Integrate communication capabilities to machines (or simulated machine) without.																								
Design a broker that will be used by the machines as intermediary to decode and encode between different data formats																								
Write a paper on the broker concept																								
Implement the designed protocol																								
Milestone 4: Model security component for the mechanism																								
Develop end-to-end encryption for machine and server communication																								
Design traffic filter and monitoring mechanism between the machines.																								
Implement the security component																								
Update Implementation Report																								
Milestone 5: Evaluate proposed work																								
Performance Experiment																								
Security Experiment																								
Ground Truth and Comparison Experiment																								
Finalize Report and Present Project Outcome																								
Milestone 6: Completion of project																								
File for patent																								
Present findings to stakeholder and tying up final loose-ends.																								