



Department of Computer Science and Engineering

CSE 6813 : Network Security

REPORT ON

Security Aspects of Smart Cards in
Machine-to-Machine (M2M) Mobile
Networks

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Abstract

The advantages of utilizing smart card technology, in the machine to machine mobile networks for common usage i.e. health sector, transport industry etc have long been realized. With great potential and advantages also come some security concerns. Since the invention, smart card has come a long way in facilitating easy and fast transaction and authentication processes. Still, security threat remains as a major concern in deploying smart card based system specially in mobile M2M communication. Proper procedure and process must be followed to ensure security in diverse environments.

1 Introduction

References

- [1] E. Bonabeau, M. Dorigo, and G. Theraulaz. Swarm intelligence: from natural to artificial intelligence. Oxford University Press, 1999. ISBN 0-19-513158-4.