



School of Computer Science and Engineering
Faculty of Engineering
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A Modern IEEE 2030.5 Client Implementation

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Thesis A Report
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Abstract

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Abbreviations

DER	Distributed Energy Resources
DNS	Domain Name System
DNS-SD	Domain Name System - Service Discovery
ECC	Electric Curve Cryptography
EPRI	Electric Power Research Institute
EXI	Efficient XML Interchange
HTTP	Hypertext Transfer Protocol
IEEE	Institute of Electrical and Electronics Engineers
IoT	Internet of Things
REST	Representational State Transfer
RSA	Rivest-Shamir-Adleman
SEP	Smart Energy Profile
SIP	Smart Inverter Profile
TCP	Transmission Control Protocol
TLS	Transport Layer Security
UDP	User Datagram Protocol
XML	Extensible Markup Language
XSD	XML Schema Definition

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Chapter I

Introduction

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Chapter 2

Background

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2.1 Sample Section

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