

DAFTAR ISI

LEMBAR PENGESAHAN	i
LEMBAR PERNYATAAN ORISINALITAS	ii
ABSTRAK	iii
ABSTRACT	v
KATA PENGANTAR	vii
DAFTAR ISI	ix
DAFTAR GAMBAR DAN ILUSTRASI	xiii
DAFTAR TABEL	xv
Bab I PENDAHULUAN	1
I.1 Latar Belakang	1
I.2 Rumusan Masalah	4
I.3 Tujuan Penelitian	4
I.4 Batasan masalah	4
I.5 Manfaat Penelitian	5
I.6 Sistematika Penilaian	5
Bab II TINJAUAN PUSTAKA	7
II.1 Enterprise Architecture	7
II.2 Peraturan Menteri BUMN RI No. PER-03/MBU/02/2018.....	7
II.3 Framework Enterprise Architecture	8
II.3.1 The Zachman Framework for Enterprise Architectures.....	8
II.3.2 The Open Group Architecture Framework (TOGAF)	10
II.3.2.1 TOGAF Architecture Development Method (ADM)	11
II.3.2.1.1 Architecture Principle.....	12
II.3.2.1.2 Stakeholder Management	13
II.3.2.1.3 Stakeholder Map.....	13
II.3.2.1.4 Gap Analysis	13
II.3.2.1.5 Migration Planning Techniques	14
II.3.2.1.6 Business Value Assessment Technique.....	15
II.3.2.1.7 Interoperability Requirements	16
II.3.3 Federal Enterprise Architecture (FEA)	16
II.3.4 Gartner.....	20
II.4 Perbandingan <i>Enterprise Architecture Frameworks</i>	21
II.5 <i>Literature Review</i>	24
II.5.1 <i>SMstudy® Guide Marketing Strategy 2017 Edition – Marketing Strategy Overview</i>	24

II.5.2	Perancangan Enterprise Architecture Fungsi Marketing Dan Promotion Pt Smithindo Mitra Mandiri Menggunakan Togaf Adm.....	26
II.5.3	<i>Analysis And Design Enterprise Architectur Using Togaf Adm In Account Team And Sales And Marketing Support Division Of PT. INTI.....</i>	27
II.5.4	<i>Practical Application Of Enterprise Architecture, Study Case Of SME Metalmechanic In Mexico</i>	28
II.5.5	Model Referensi Aplikasi Pemasaran dan Penjualan.....	28
Bab III	METODOLOGI PENELITIAN.....	32
III.1	Model Konseptual	32
III.2	Sistematika Penelitian	34
III.2.1	Tahap Inisiasi	35
III.2.2	Tahap Identifikasi.....	36
III.2.3	Tahap Analisis dan Perencanaan.....	36
III.2.4	Tahap Kesimpulan dan Saran.....	44
Bab IV	IDENTIFIKASI EKSISTING	45
IV.1	Deskripsi Objek Penelitian.....	45
IV.1.1	Gambar Perusahaan.....	45
IV.1.2	Visi	45
IV.1.3	Misi	45
IV.1.4	Struktur Organisasi	46
IV.1.5	Proses Bisnis Perusahaan.....	49
IV.1.6	Rencana Strategis	49
IV.1.7	Outline Permasalahan.....	50
IV.1.8	Gambaran Kondisi Aplikasi Eksisting.....	52
Bab V	ANALISIS DAN PERANCANGAN.....	53
V.1	Preliminary Phase.....	53
V.1.1	Principle Catalog.....	53
V.2	Architecture Vision	64
V.2.1	Stakeholder Map Matrix	64
V.2.2	Value Chain.....	80
V.2.3	Goal Catalog.....	81
V.2.4	Goal Diagram	89
V.2.5	Requirement Catalog.....	90
V.2.6	Solution Concept Diagram.....	94
V.3	Business Architecture.....	96
V.3.1	Requirements of Business Architecture	96
V.3.2	Organization/Actor Catalog	96
V.3.3	Driver/Goal/Objective Catalog	99
V.3.4	Role Catalog.....	100
V.3.5	Business Service/Function Catalog.....	123
V.3.6	Service Catalog	126
V.3.7	Process/Event/Control/Product Catalog.....	128
V.3.8	Business Interaction Matrix	158
V.3.9	Actor/Role Matrix	172

V.3.10	Business Footprint Diagram.....	179
V.3.11	Functional Decomposition Diagram	182
V.3.12	Process Flow Diagram.....	183
V.3.12.1	Business Process Overview Diagram.....	185
V.3.12.2	Organizational Process	188
V.3.13	Gap Analysis Business Architecture	196
V.4	Data Architecture	198
V.4.1	Requirements of Data Architecture.....	198
V.4.2	Data Entity/Component Catalog	198
V.4.3	Data Entity/Business Function Matrix	205
V.4.4	Application/Data Matrix	217
V.4.5	Conceptual Data Diagram.....	220
V.4.5.1	SAP ERP Sales and Distribution	220
V.4.5.2	SAP CRM.....	221
V.4.6	Logical Data Diagram.....	222
V.4.6.1	SAP ERP Sales and Distribution	222
V.4.6.2	SAP CRM.....	223
V.4.7	Data Dissemination Diagram	224
V.4.8	Gap Analysis Data Architecture.....	226
V.5	Application Architecture.....	230
V.5.1.1	Requirements of Application Architecture.....	230
V.5.2	Application Portofolio Catalog	230
V.5.3	Interface Catalog	231
V.5.4	Role/Application Matrix	233
V.5.5	Application/Organization Matrix	237
V.5.6	Application/Function Matrix.....	238
V.5.7	Application Interaction Matrix.....	239
V.5.8	Application Communication Diagram	240
V.5.9	System Use-Case Diagram.....	241
V.5.10	Gap Analysis Application Architecture	243
V.6	Technology Architecture.....	244
V.6.1	Requirements of Technology Architecture.....	244
V.6.2	Technology Standard Catalog	244
V.6.3	Technology Portofolio Catalog.....	246
V.6.4	Application/Technology Matrix.....	250
V.6.5	Environment and Location Diagram.....	253
V.6.6	Platform Decomposition Diagram	254
V.6.7	Gap Analysis Technology Architecture	255
V.7	Opportunities and Solutions.....	257
V.7.1	Implementation Factor Assesment and Deduction Matrix.....	257
V.7.2	Consolidate Gaps & Solutions Matrix	260
V.7.3	Consolidate & Reconcile Interoperability.....	263
V.7.4	Project Catalog	266
V.7.5	Project Context Diagram.....	267
V.7.6	Benefit Diagram	267
V.8	Migration Planning	269

V.8.1	Estimate Value and Risk	269
V.8.2	Valuasi Investasi Proyek TI	271
V.8.3	Business Value Assesment.....	277
V.8.4	Prioritas Pembangunan Proyek	278
V.8.5	IT Roadmap.....	280
Bab VI	KESIMPULAN	283
VI.1	Kesimpulan	283
VI.2	Saran.....	284
	DAFTAR PUSTAKA	286
	LAMPIRAN.....	291
	Detail Investasi Pengembangan CRM	291
	Detail Investasi Pengintegrasian SAP ERP dan SAP SD	294
	Solution Concept Diagram.....	295
	Technology Portofolio Catalog.....	296
	Environment and Location Diagram.....	331
	Project Catalog	332
	Blueprint Enterprise Architecture	339