

ABSTRACT

Information is a very important asset for a company, so important that it needed a security mechanism with the ultimate purpose to ensure data confidentiality from unauthorized access, also to ensure data integrity and to ensure data availability. In a asset safeguarding in the company is done by giving a password on each application, provide the login on the database, access rights granted in accordance with each department and any sensitive data is not used anymore will be destroyed. Technology and information systems have a major role in disseminating information. The information or data is an asset for the company. Indirect data security can ensure business continuity, reduce risk, and seeking business opportunities. More company information that is stored, managed and shared, the greater the risk of damage, loss or exposure of data to external parties that are not desired.

Keywords: asset safeguarding, Information

DAFTAR ISI

LEMBAR PENGESAHAN	i
PERNYATAAN PUBLIKASI LAPORAN PENELITIAN.....	ii
PERNYATAAN ORISINALITAS LAPORAN PENELITIAN.....	iv
PRAKATA.....	v
ABSTRACT	vii
DAFTAR ISI.....	viii
DAFTAR GAMBAR.....	x
DAFTAR TABEL	xi
DAFTAR LAMPIRAN	xii
BAB I PENDAHULUAN.....	1
1.1 Latar Belakang Masalah.....	1
1.2 Rumusan Masalah	1
1.3 Tujuan Pembahasan.....	2
1.4 Ruang Lingkup.....	2
1.5 Sumber Data.....	4
1.6 Sistematika Penyajian.....	4
BAB II KAJIAN TEORI	5
2.1 Audit Sistem Informasi	5
2.2 Tahapan Audit Sistem Informasi	6
2.3 Alasan mengapa perlu Audit Sistem Informasi	6
2.4 IT Audit Standard Tools/Framework.....	9
2.5 Data	15
2.6 Jenis Data.....	16
2.7 Cobit 4.1	17
2.8 Control Objective	27
BAB III ANALISIS DAN PERANCANGAN.....	32
3.1 Sejarah Perusahaan	32
3.2 Visi dan Misi Perusahaan.....	32
3.3 Struktur Organisasi	33
3.4 Aplikasi Perusahaan	34
3.5 Program Audit.....	35
3.6 Hasil Audit.....	39
3.6.1 Accuracy, Completeness and Authenticity Checks	39
3.6.2 Application Security.....	39
3.6.3 Training	40
3.6.4 Performance and Capacity Planning	40
3.6.5 Exchange of Sensitive Data.....	41
3.6.6 User Account Management	42
3.6.7 Business Requirements for Data Management	42
3.6.8 Storage and Retention Arrangements	43
3.6.9 Disposal	43
3.6.10 Backup and Restoration	44
3.6.11 Security Requirements for Data Management	44
3.6.12 Sensitive Documents and Output Devices.....	45
BAB IV HASIL TERCAPAI	49
4.1 Accuracy, Completeness and Authenticity Checks.....	49

4.2 Application Security.....	50
4.3 Training.....	50
4.4 Performance and Capacity Planning	51
4.5 Exchange of Sensitive Data	52
4.6 User Account Management.....	53
4.7 Business Requirements for Data Management	53
4.8 Storage and Retention Arrangements	54
4.9 Disposal.....	55
4.10 Backup and Restoration.....	56
4.11 Security Requirements for Data Management.....	57
4.12 Sensitive Documents and Output Devices.....	57
BAB V KESIMPULAN DAN SARAN.....	59
5.1 Kesimpulan	59
5.2 Saran	60
DAFTAR PUSTAKA.....	xiii

DAFTAR GAMBAR

Gambar 1 <i>Cobit Family of Products</i>	18
Gambar 2 <i>Cobit Business Control Objectives-IT Governance</i>	25
Gambar 3 <i>Cobit Control Objectives</i>	26
Gambar 4 Struktur organisasi PT.First Computer Indonesia	33

DAFTAR TABEL

Tabel I Kriteria Kerja Cobit.....	19
Tabel II <i>Domain & High Level Controls Cobit</i>	23
Tabel III Program Audit.....	36

Daftar Lampiran

Lampiran A Foto-Foto.....	A-1
Lampiran B Data.....	B-1
Lampiran C Hasil wawancara	C-1