DATA SYNCHRONIZATION PLATFORM

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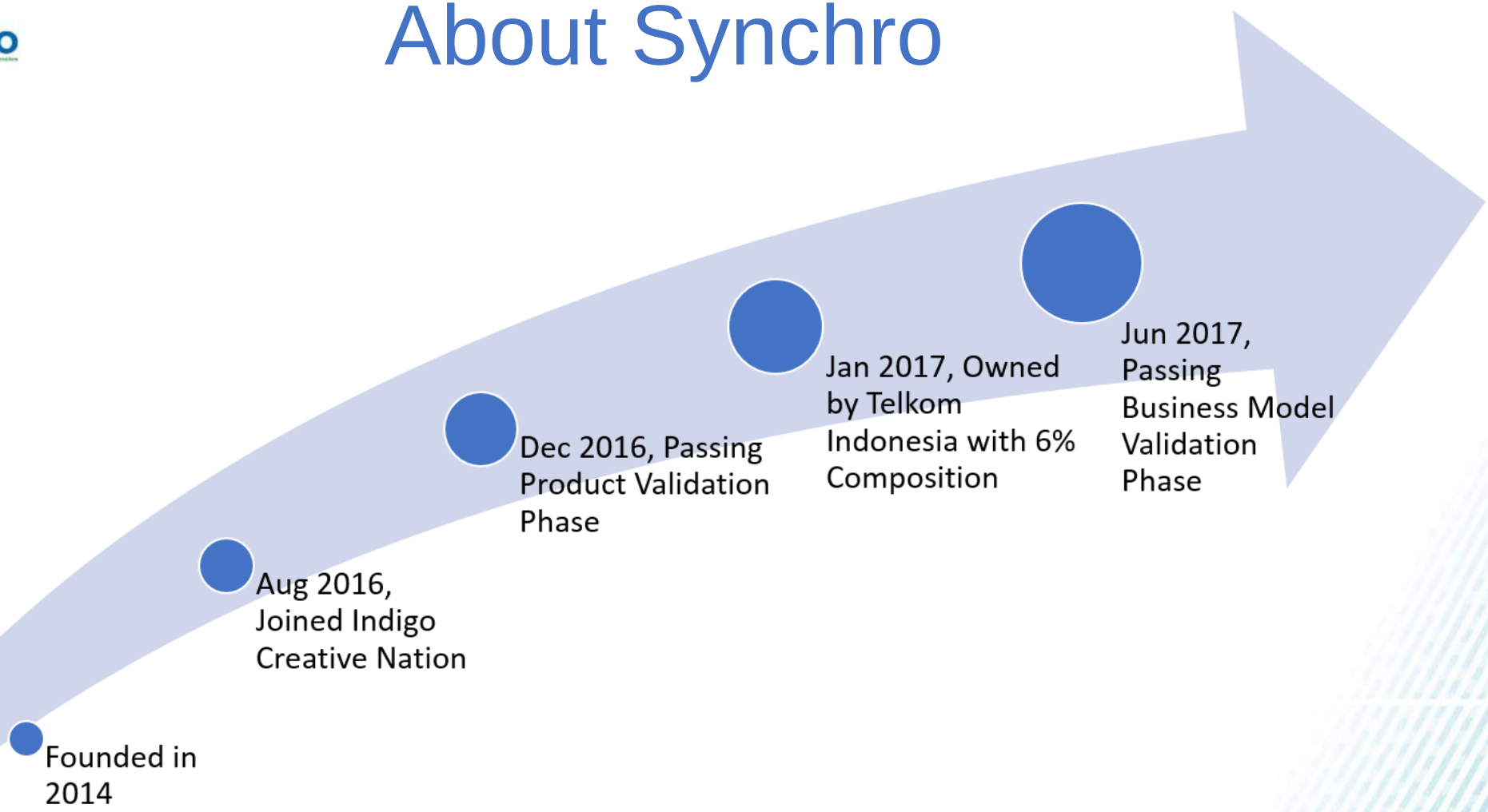
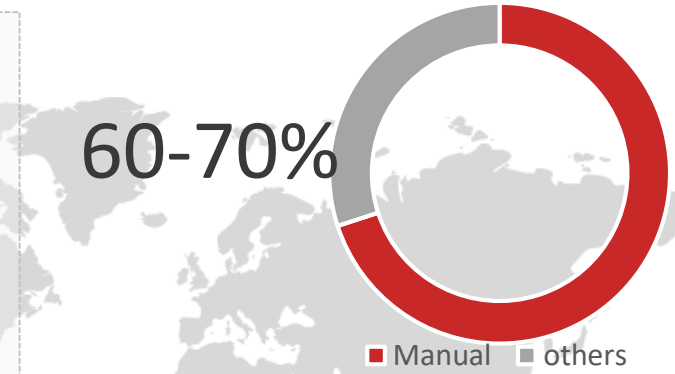
About Synchro

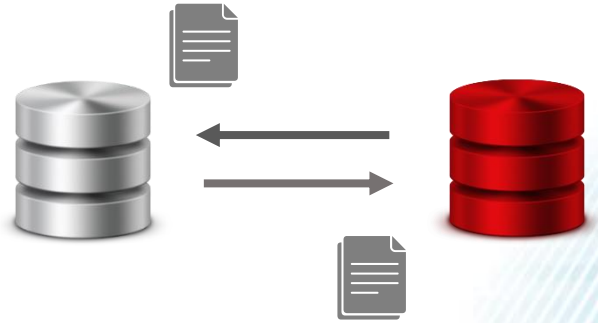


Background

60%-70% of major corporations still use a kind of the **manual mechanism** to move the data, such as:

- Flashdisk/DVD/CD
- FTP
- Email
- HTTP - Upload





Most of the data transfer only handled within Application, but not across Applications.

Some improvements:

- Google Drive
- Dropbox

Need to **Consolidate, Distribute** and **Transform** Data & information stored in remote area, in files or database format within Large or Corporations.
Secure, Accurate and **Fast**

You Must Have Data Integrator That…

Challenges with Legacy System

Branch

Source Database

Backup /Extract data

Copy and Transfer File

Not secure /secure
(private network)

Head Office

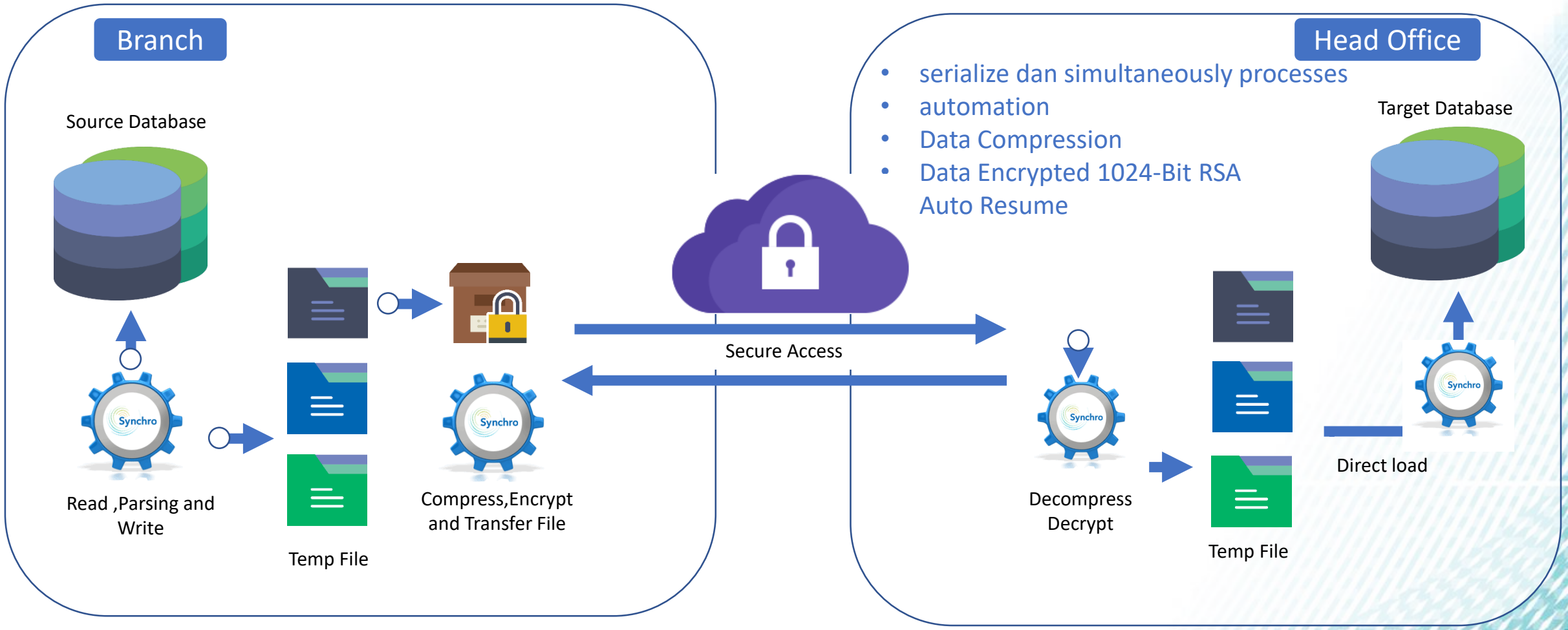
- Serialize Consolidation
- Requires Operators
- Data Compression?
- Data Security?
- Realiable?

Target Database

Extract and Load

Undirect load

Data Integrator Solution



SYNCHRO CORE FUNCTION

Database Access

Wide variety of RDBMS types

File system Access

Wide variety of File system access

Integration

Consolidation

Disribution

Transformation :

- Transform between database types
- Transform data before transfer

Automation

Scheduling

SYNCHRO CHARACTERISTIC

WAN Optimized

Designed to utilize the Unreliable Internet

Compression and Parallel Processing

Data buffering

Low Bandwidth

Secure

Built in RSA-1024 security

Simple

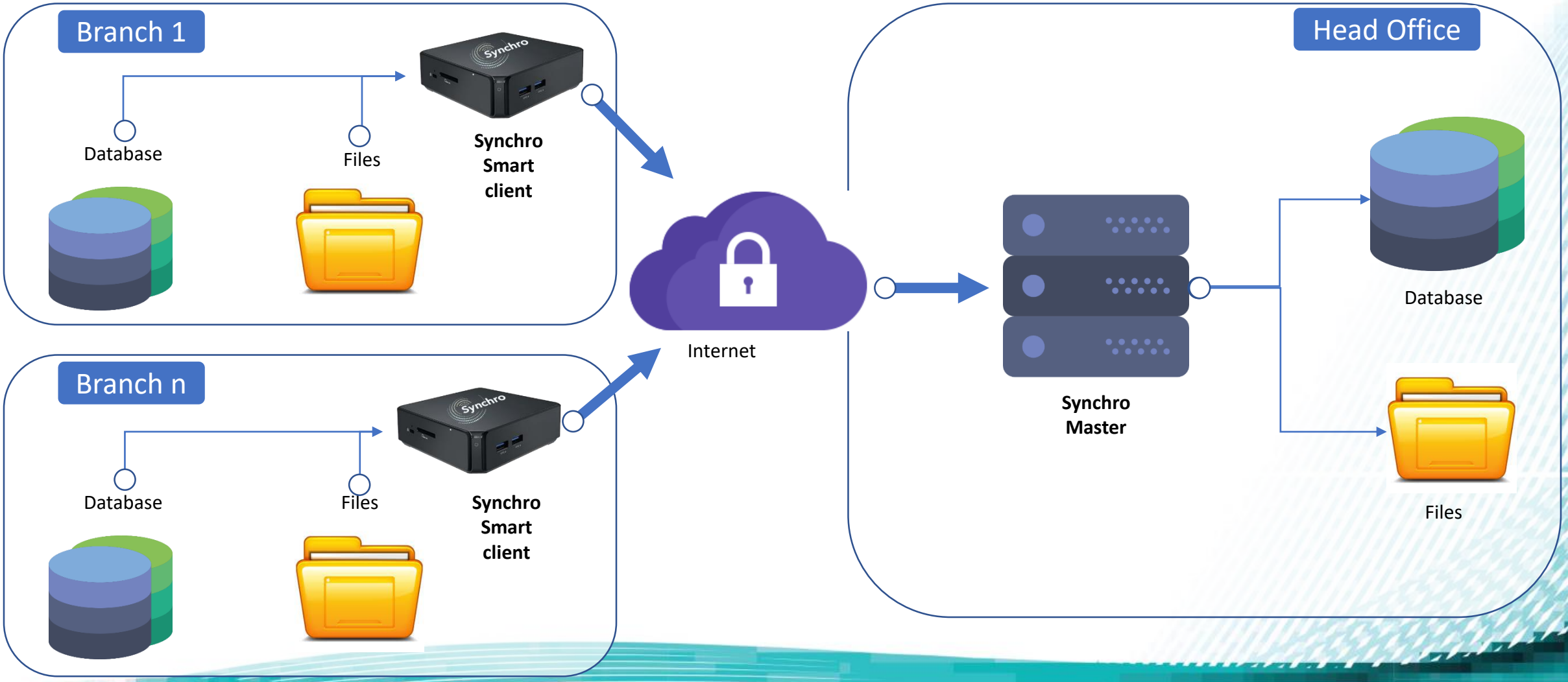
Simple Network (outgoing connection only on branches)

Centralized management

Flexible

Built in RSA-1024 security

TYPICAL SCENARIO



Basic Concept SYNCHRO Solution

Branch

Source Database

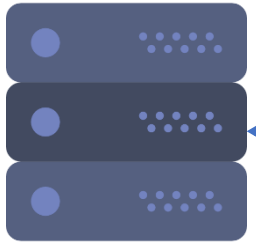
LAN

1. Extract
2. Transform
3. Compress
4. Encrypt
5. Transfer

Private / Public Network
secure communication (SSL)
RSA-1024-bit Asymmetric encryption

Head Office

Target Database



LAN

6. Receive
7. Decrypt
8. Uncompress
9. Bulk Load

Clients

HALODOC

MINISTRY OF TOURISM

AGENCY OF PROCUREMENT POLICIES & SERVICES

POLICE OF THE REPUBLIC OF INDONESIA

STATE INTELLIGENCE AGENCY

RAJAWALI NUSANTARA INDONESIA

PERURI

INDONESIAN ARMY

THE NATIONAL LIBRARY OF INDONESIA

BANK DKI

BANK PERMATA

THANK YOU