

# The Ultimate Data Warehouse System

Scale Out Flexibility, Massive Parallel Processing, Huge Data (No Limit)



Deepgreen is a product of Vitesse Data Inc, proudly presented by Equnix Business Solutions, Pte Ltd.  
Deepgreen is a clustering database system especially made for Data Warehousing

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# Our Client and Partners: Financials



Bank Resona Perdania



BANK KALBAR  
PT. BANK PEMBANGUNAN DAERAH KALIMANTAN BARAT



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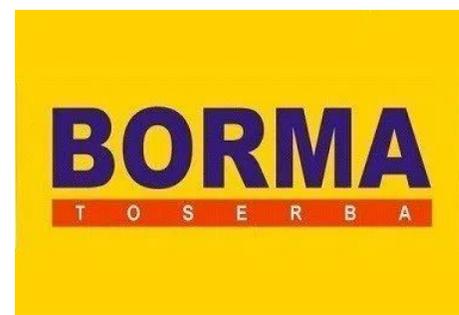
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# Our Client and Partners: IT Companies

trusted • IT • company



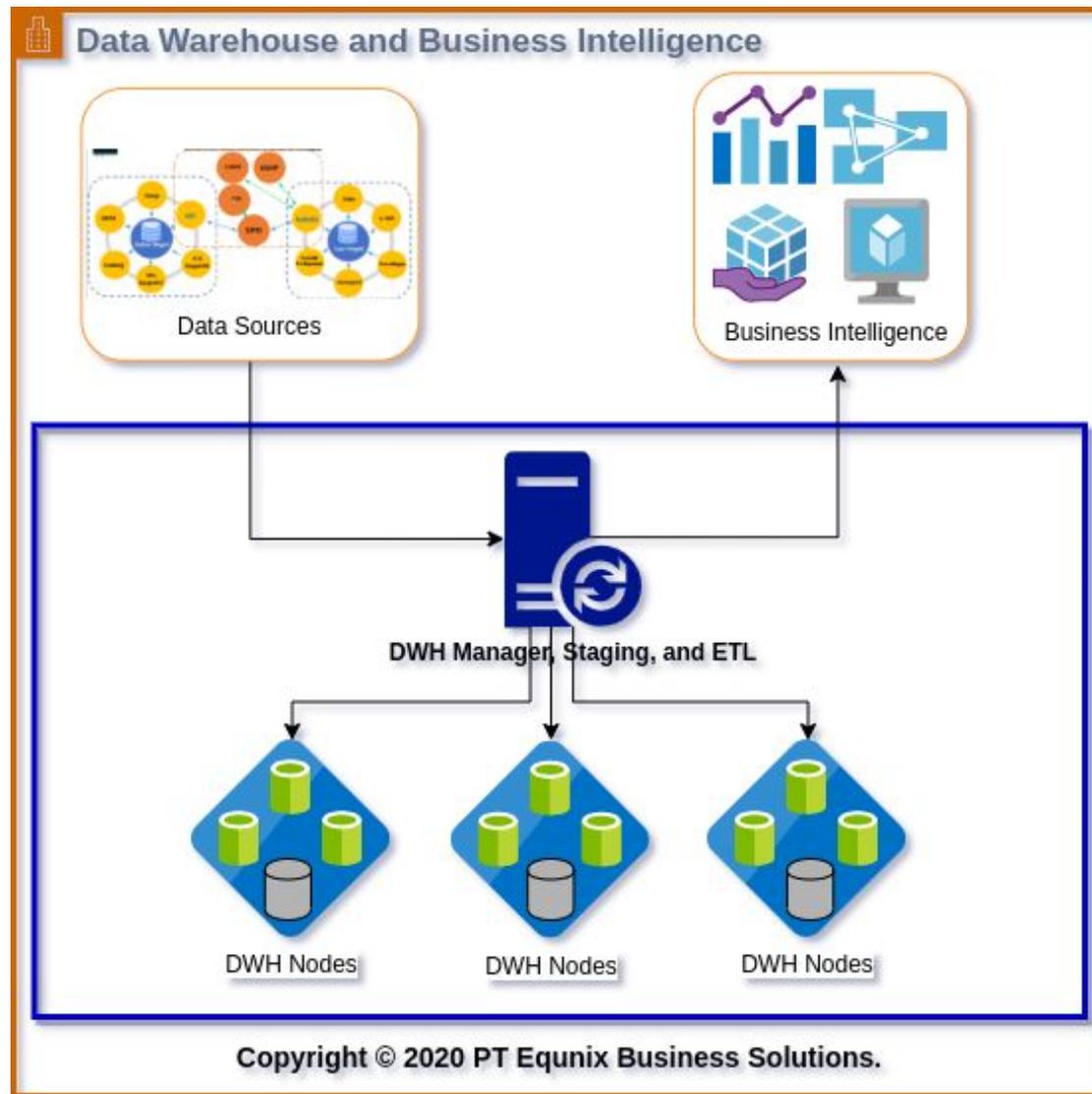




DINAS KOMUNIKASI, INFORMATIKA DAN PERSANDIAN ACEH  
*Menuju Masyarakat Informasi*





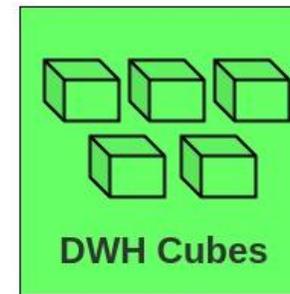




# Automation ETL (EDIM)

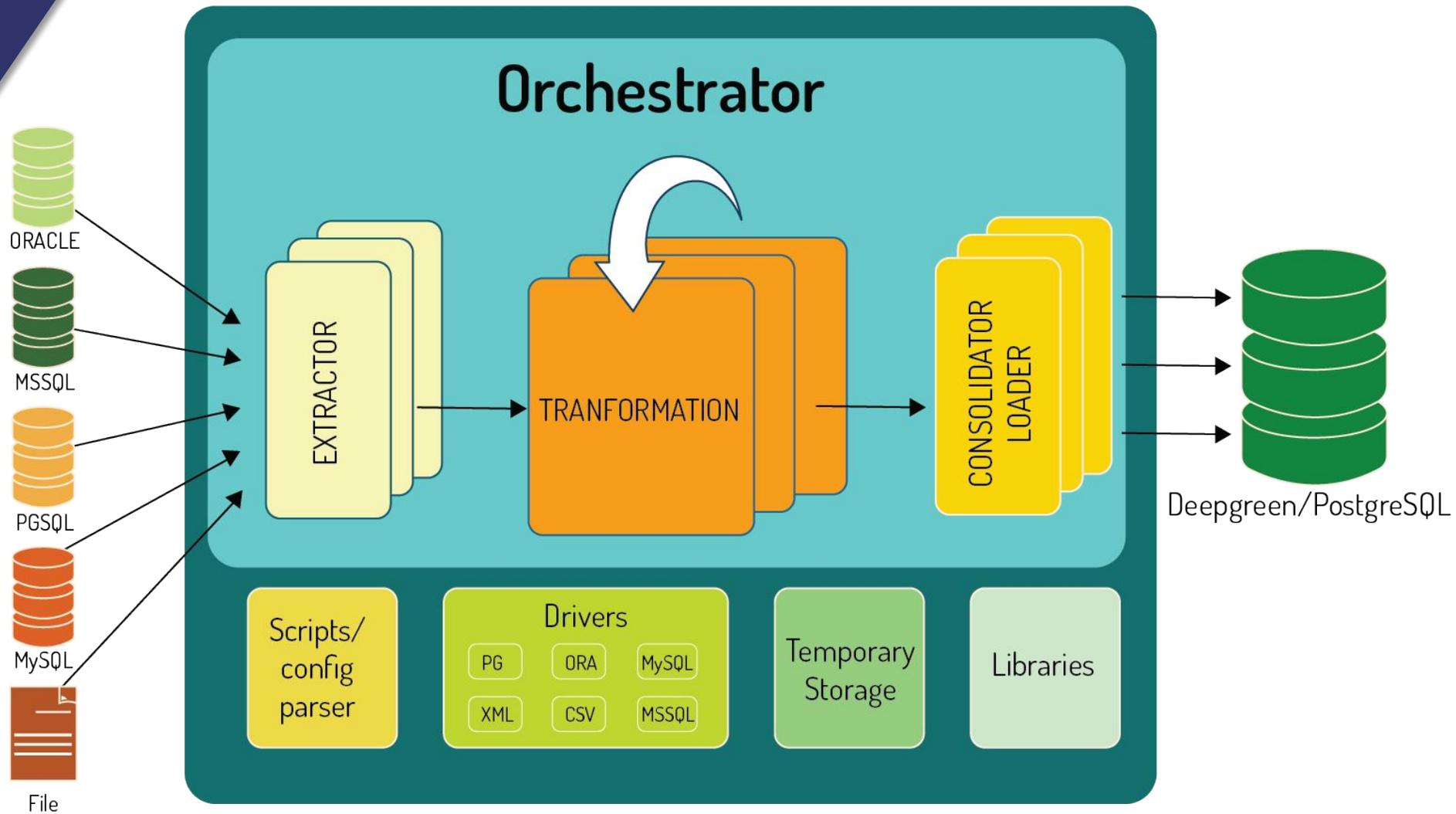
Equinox Data Integration and Management is a great tools for Automation  
Extraction, Transform and Loading

# EDIM Capabilities



EDIM is  
Automation  
ETL Tools

# Equnix Data Integration Management Architecture

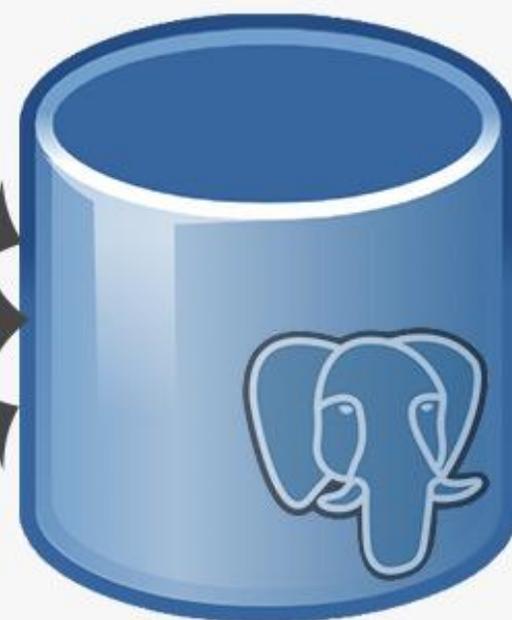
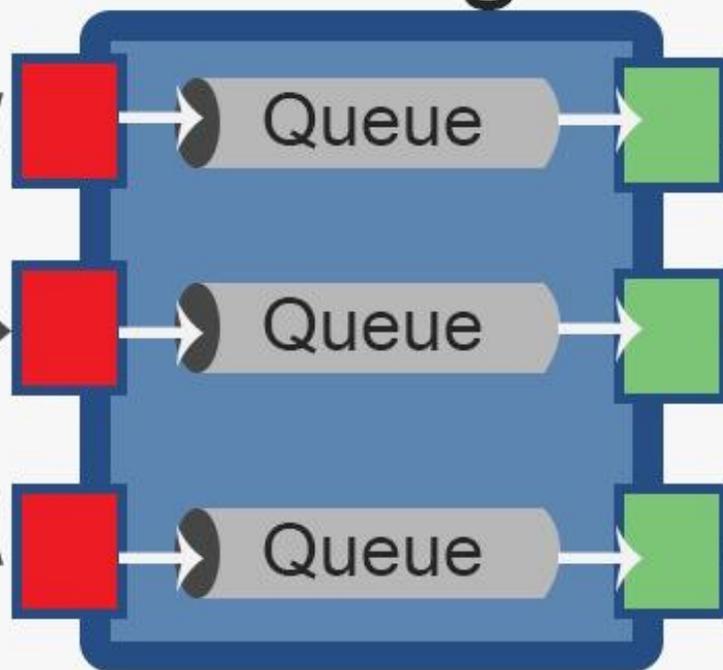


## Equnix Data Integration Management (EDIM)

# ETL Engine



Oracle



PostgreSQL

# EDIM UI Dashboard

EDIM VERSI 2.0  
POWERED BY EQUINIX

## ETL AGENT MANAGEMENT



### EDIM System

Hello User, admin

- Data Source Management
- ETL Agent Overview
- Configuration
- Report
- User Management

START ALL AGENTS

ADD AGENT

AGENT ID	AGENT DESC	SOURCE TYPE	SCHEDULED DATE	LAST RUN DATE	FILE LIST	STATUS	MODIFY
46	SLIK OJK	SFTP FILE	2018-09-29	2018-12-31	EDIT	DISABLED	MODIFY
47	SID PBK	LOCAL FILE	2019-05-13	2019-05-19	EDIT	ACTIVE	MODIFY

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## USER MANAGEMENT

ADD USERS

### EDIM System

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USERNAME	ACCESS LIST	MODIFY
admin	ADMINISTRATOR	MODIFY
supervisor1	MONITORING SUPERVISOR CONFIGURATOR USERS REPORT	MODIFY
supervisor2	CONFIGURATOR EXECUTOR MONITOR REPORT	MODIFY
admin2	ADMINISTRATOR SUPERVISOR MONITOR EXECUTOR USERS REPORT	MODIFY
analisis1	MONITOR REPORT	MODIFY

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## ETL AGENT OVERVIEW

### EDIM System

Hello User, admin

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Total Da...  
768

Total Job  
153



Date: 2019-06-24

Latency: 0ms

Bandwidth: < 0kB/s  
0kB/s

FILTER BY:

HIDE TOP

ID:001 (-) 9.53 ms  
A: 50494a61 P: 3928e201  
O: 3928e201  
\$ ↗ ❤️ 📶

ID:002 (920294) 9.27 ms  
A: 50494a61 P: 3928e201  
O: 3928e201  
\$ ↗ ❤️ 📶

ID:004 (920270) 10.1 ms  
A: 50494a61 P: 3928e201  
O: 3928e201  
\$ ↗ ❤️ 📶

ID:005 (-) 8.99 ms  
A: c1fcell15 P: 3928e201  
O: 3928e201  
\$ ↗ ❤️ 📶

ID:006 (920232) 8.94 ms  
A: 50494a61 P: 3928e201  
O: 3928e201  
\$ ↗ ❤️ 📶

ID:008 (000) 9.07 ms  
A: 50494a61 P: 3928e201  
O: 3928e201  
\$ ↗ ❤️ 📶

ID:009 (-) 9.1 ms  
A: 50494a61 P: 3928e201  
O: 3928e201  
\$ ↗ ❤️ 📶

ID:010 (920197) 9.16 ms  
A: 50494a61 P: 3928e201  
O: 3928e201  
\$ ↗ ❤️ 📶

ID:011 (-) 9.37 ms  
A: 50494a61 P: 3928e201  
O: 3928e201  
\$ ↗ ❤️ 📶

ID:012 (920095) 8.99 ms  
A: 50494a61 P: 3928e201  
O: 3928e201  
\$ ↗ ❤️ 📶

ID:013 (920267) 9.23 ms  
A: 50494a61 P: 3928e201  
O: 3928e201  
\$ ↗ ❤️ 📶

ID:014 (-) 10.1 ms  
A: 50494a61 P: 3928e201  
O: 3928e201  
\$ ↗ ❤️ 📶

ID:015 (920061) 9.32 ms  
A: 50494a61 P: 3928e201  
O: 3928e201  
\$ ↗ ❤️ 📶

ID:017 (920027) 9.41 ms  
A: 50494a61 P: 3928e201  
O: 3928e201  
\$ ↗ ❤️ 📶

ID:018 (-) 9.26 ms  
A: 50494a61 P: 3306ca62  
O: 3306ca62  
\$ ↗ ❤️ 📶

ID:021 (920050) 9.24 ms  
A: 50494a61 P: 3928e201  
O: 3928e201  
\$ ↗ ❤️ 📶

ID:023 (920099) 9.4 ms  
A: 50494a61 P: 3928e201  
O: 3928e201  
\$ ↗ ❤️ 📶

ID:030 (-) 9.18 ms  
A: c1fcell15 P: 3eb4c58f  
O: 3eb4c58f  
\$ ↗ ❤️ 📶

# EDIM UI Dashboard

EDIM VERSI 2.0  
POWERED BY EQUINIX

## REPORTS

### EDIM System

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DATA MART PROCESS

XML

Start Date

23/06/20

End Date

23/06/20

VIEW REPORT

ETL Agent ID

All ETL Agent

Show 10 entries

AGNT CODE	AGNT NAME	PR DATE	PR TIME	PR ID	FILE	SIZE	LOCATION	EXPORTED ROW	FAILED ROW	SUCCESS RATE
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No data available in table

Showing 0 to 0 of 0 entries

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## Batch Insert 100 Millions Records

Test Type	Number of Rows	Validation	Process	Duration (Minutes)
COPY FROM query (Distributed Randomly)	100,000,000	No	Single	10
Using XDRIVE (Distributed Randomly)	100,000,000	No	Single	15
COPY FROM query (Distributed By)	100,000,000	No	16 Parallel	9.30
Using XDRIVE (Distributed By)	100,000,000	No	16 Parallel	7.30
<b>Using EDIM (Distributed Randomly)</b>	<b>100,000,000</b>	<b>YES</b>	<b>16 Parallel</b>	<b>6</b>

# Server Specification

## Server Test Specs:

2 System Board 2800, which each:

1. Processors: 2x Intel Xeon®CPU E7-8870 v3 @ 2.10GHz
2. Architecture: x86\_64
3. Hyperthread: 72 HT
4. Memory: 128 GB
5. Storage: 900 GB SAS
6. Booster: NVMe 512 GB
7. Operating System: Debian 8.5 (Jessie)