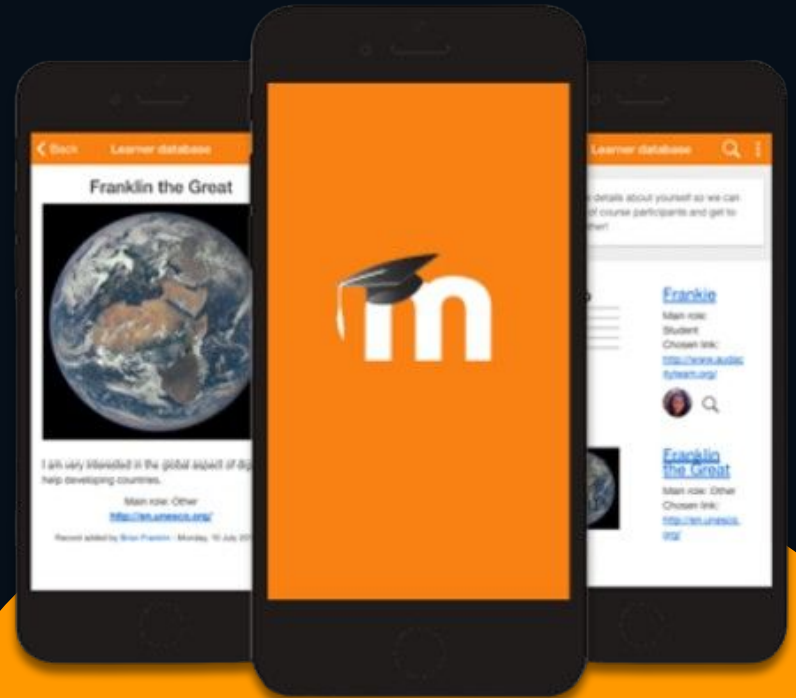# Moodle Learning Management System

On Amazon Web Services Environment

Powered By : Metrodata Electronics, Tbk

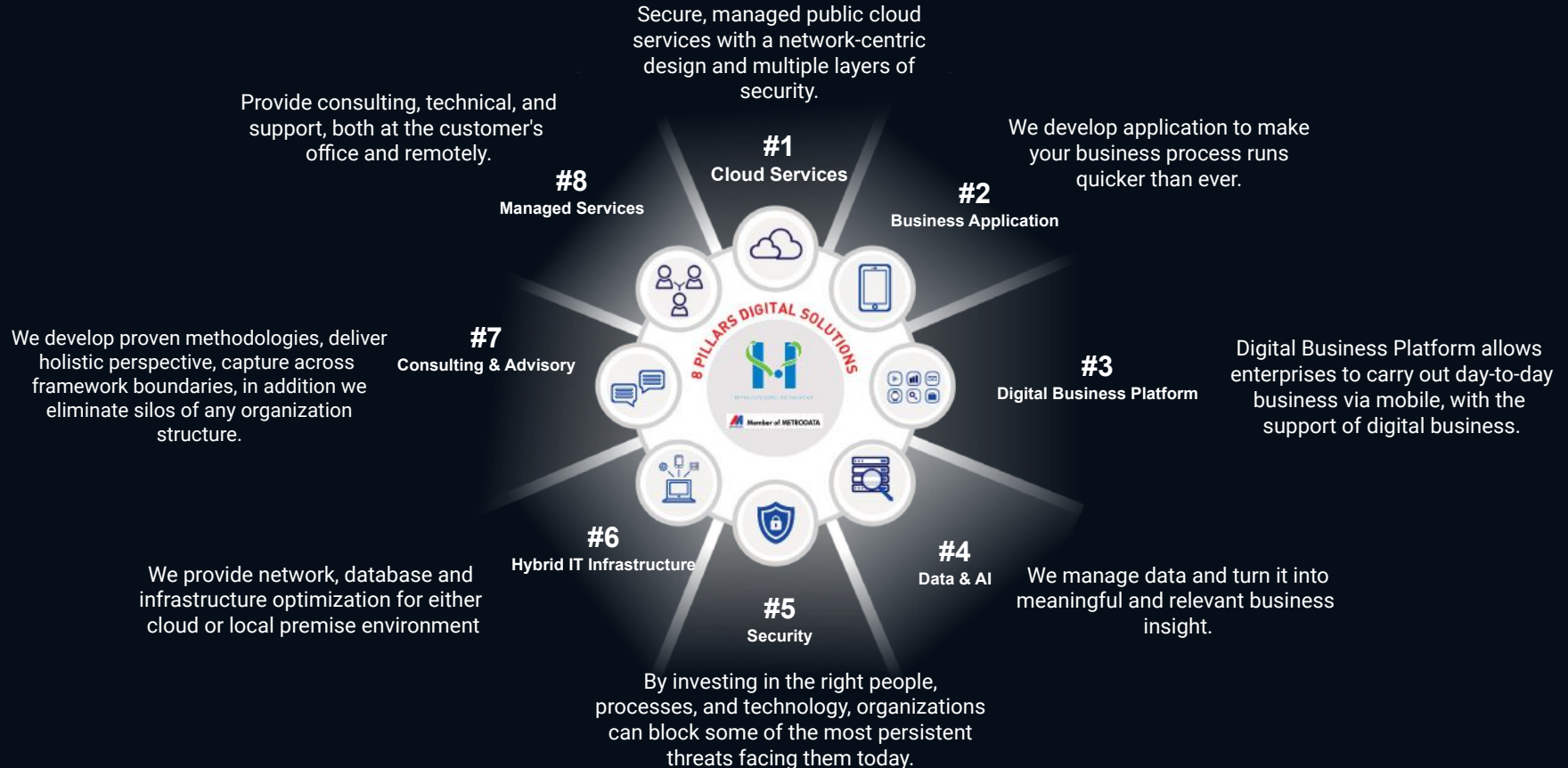# Metrodata Electronics, Tbk

Indonesia's Leading Information & Communication Technology (ICT) Company

We are well-known for our comprehensive portfolio of IT hardware and software distribution for more than 47 years with solid relationship with its business partners in the ICT industry.

AWS Partner Since 2013 with 70++ satisfied customer across all sector. Subject Matter experts in Apps, DBs, Network, Devops, Big Data , Cloud Operation, and Managed Services

METRODATA

8 Pillars Offer Metrodata :

Secure, managed public cloud services with a network-centric design and multiple layers of security.

Provide consulting, technical, and support, both at the customer's office and remotely.

We develop application to make your business process runs quicker than ever.

#8
Managed Services

#1
Cloud Services

#2
Business Application

We develop proven methodologies, deliver holistic perspective, capture across framework boundaries, in addition we eliminate silos of any organization structure.

#7
Consulting & Advisory

8 PILLARS DIGITAL SOLUTIONS

Member of METRODATA

#3
Digital Business Platform

Digital Business Platform allows enterprises to carry out day-to-day business via mobile, with the support of digital business.

We provide network, database and infrastructure optimization for either cloud or local premise environment

#6
Hybrid IT Infrastructure

#4
Data & AI

We manage data and turn it into meaningful and relevant business insight.

#5
Security

By investing in the right people, processes, and technology, organizations can block some of the most persistent threats facing them today.

Our 4x CS of Moodle LMS

METRODATA

Value Proposition

We tailor Moodle LMS on AWS Servers in high functionality for your multimodal learning.
We deliver in 3 solutions to cater as your needed, from migration, installation, until CI/CD Pipeline.

Our Moodle LMS enables to cater high level needs.
Serving a broad differentiate organizational needs thru variety of attributes in managerial dashboard system.

Complete end-to-end control.
We extend ability of organization can manage everything progress from onboarding to upskilling to accommodate lateral of promotions.

We proprietary evolving insight on L&D Edtech best practice.
Servicing a breadth of clients to always continuously upgrade the Moodle LMS Capabilities with the new features of development.

Our Working Process To Develop Your

Moodle LMS

METRODATA

Preliminary Diagnosis	Solution Design	Solution Delivery
Status quo evaluation	Dev. of customized architecture	Migration & go-live

Content readiness
Evaluation of how digitized the current content library is

Content digitization
Acclimatizing content library for full-fledged digital consumption

Cloud environment setup
Working closely with Google Cloud to setup cloud infra

User directory readiness
Evaluation of how the current org. taxonomy is structured

User taxonomy structuring
Organize entire user base based on intended layering

Content & User upload
Phased migration towards full on-cloud environment

Supporting infra readiness
Evaluation of current tech stack to prepare for cloud migration

Product enhancement
Additional development based on unique identified needs

Training & transfer
Equipping end users with product & usage knowledge

Best Deal "Start From Small Package"
For Your 1st Adoption Moodle LMS

METRODATA

Start From:
IDR
16 Mio

For 1,500 users

(Per-month)

What You Get In This Cost Investment :

1. **AWS Account ID**
2. **EC2 Server For Moodle LMS**
3. **EC2 MySQL Database Server**
4. **EFS Moodle (20 GB)**
5. **Redis Moodle**
6. **Amazon Network Services**
7. **Amazon Security Monitoring Services**

** Note :
Implementation will help by Metrodata Team
Price Exclude PPn 11% ; With T&C

Metrodata Moodle Package

Package A *(AWS INFRA ONLY)

- Best performance for 2500 users
- Bring and self setup your Moodle Apps
- Complete AWS Infrastructure Investment

1 Server Moodle Apps (c5.large 2/4/8)

1 Database Server MySQL (m5.xlarge 4/16/20)

AWS Load Balancer
Standby up to *6 Servers* for manage the high traffic

AWS Network Services
Data Transfer Up to 500GB ; VPN ; Public IPv4, etc

AWS Security Monitoring Services
Cloudwatch, Cloud Trail, GuardDuty, etc

MONTHLY BILL :	Rp	20,150,000
ANNUAL BILL :	Rp	241,500,000

Package B *(AWS INFRA + MOODLE INSTALLATION)

- Best performance for 2500 users
- Included Moodle Apps Installation & Hardening Security
- Complete AWS Infrastructure Investment

1 Server Moodle Apps (c5.large 2/4/8)

1 Database Server MySQL (m5.xlarge 4/16/20)

AWS Load Balancer
Standby up to *6 Servers* for manage the high traffic

AWS Network Services
Data Transfer Up to 500GB ; VPN ; Public IPv4, etc

AWS Security Monitoring Services
Cloudwatch, Cloud Trail, GuardDuty, etc

Installation Moodle Apps

SSO Microsoft Entra ID

Automatic Scheduler

Application Security Hardening

MONTHLY BILL :	Rp	26,500,000
ANNUAL BILL :	Rp	317,400,000

Package C *(AWS INFRA + MOODLE INSTALLATION)

- Best performance for 2500 users
- Included Moodle Apps Installation, Hardening Security, CI/CD Pipeline
- Complete AWS Infrastructure Investment

1 Server Moodle Apps (c5.large 2/4/8)

1 Database Server MySQL (m5.xlarge 4/16/20)

AWS Load Balancer
Standby up to *6 Servers* for manage the high traffic

AWS Network Services
Data Transfer Up to 500GB ; VPN ; Public IPv4, etc

AWS Security Monitoring Services
Cloudwatch, Cloud Trail, GuardDuty, etc

Installation Moodle Apps

SSO Microsoft Entra ID

Automatic Scheduler

Application Security Hardening

CI/CD Pipeline

MONTHLY BILL :	Rp	30,000,000
ANNUAL BILL :	Rp	358,800,000

*Implementation will help by Metrodata Team   * Price Exclude PPn 11%   * With T&C

Key Intended Outcomes and Working Timeline (Depend on Package Used)

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3 Days For Infra Only

38 Days For Infra & Installation

* Total Days is in estimation

Moodle Deployment on AWS Cloud (3 Days)

From setting up AWS Cloud environment, to distributing installing Moodle in EC2 Server, and configuring Moodle accordingly.

User Onboarding & SSO setup (10 Days)

From designing user taxonomy, to aligning user base with current HRMS, relevant user attribute tagging to fit structured archetypes.

Content syllabus structuring & upload (15 Days)

From developing best practice in terms of content syllabus structure to actual learning content assessment distribution according to user taxonomy.

UAT, Training, and GoLive Project (10 Days)

From initial roll-out to assess user readiness, to training business users to comprehend user & content management practices, & getting to go-live.

Completing Your **Moodle LMS** Implementation Package With Our **Additional Services :**

METRODATA

Content Migration

IDR 5 Mio

(One-time Setup Per-Mandays)

Monthly Tech Support

IDR 10 Mio

(Per-Month Charge)

Your **Monthly AWS Infra Investment** Breakdown :

Group hierarchy	Region	Description	Service
DB EC2 > Server	Asia Pacific (Jakarta)	Moodle App (c5.large 2/4/8) Ubuntu (6 EC2 Standby)	Amazon EC2
DB EC2 > Server	Asia Pacific (Jakarta)	EC2 for DB MySQL (m5.xlarge 4/16/20)	Amazon EC2
DB EC2 > Server	Asia Pacific (Jakarta)	EFS Moodle (20 GB)	Amazon Elastic File System (EFS)
DB EC2 > Server	Asia Pacific (Jakarta)	Redis Moodle	Amazon ElastiCache
DB EC2 > Network	Asia Pacific (Jakarta)	VPN S2S (1)	VPN Connection
DB EC2 > Network	Asia Pacific (Jakarta)	NAT (300GB)	Network Address Translation (NAT) Gateway
DB EC2 > Network	Asia Pacific (Jakarta)	DTO (500 GB)	Data Transfer
DB EC2 > Network	Asia Pacific (Jakarta)	ALB (1)	Application Load Balancer
DB EC2 > Network	Asia Pacific (Jakarta)	WAF	AWS Web Application Firewall (WAF)
DB EC2 > Network	Asia Pacific (Jakarta)	Route 53	Amazon Route 53
DB EC2 > Network	Asia Pacific (Jakarta)	Elastic IP (2)	Public IPv4 Address
DB EC2 > Security Monitoring	Asia Pacific (Jakarta)	CloudWatch	Amazon CloudWatch
DB EC2 > Security Monitoring	Asia Pacific (Jakarta)	CloudTrail	AWS CloudTrail
DB EC2 > Security Monitoring	Asia Pacific (Jakarta)	GuardDuty	Amazon GuardDuty
DB EC2 > Security Monitoring	Asia Pacific (Jakarta)	AWS Config	AWS Config
DB EC2 > Security Monitoring	Asia Pacific (Jakarta)	Security Hub	AWS Security Hub
DB EC2 > Security Monitoring	Asia Pacific (Jakarta)	S3 for FlowLog	S3 Standard
DB EC2 > Security Monitoring	Asia Pacific (Jakarta)	KMS	AWS Key Management Service
DB EC2 > Security Monitoring	Asia Pacific (Jakarta)	SNS Notif	Standard topics

METRODATA

Why Your MOODLE LMS Have to In AWS METRODATA?

METRODATA

01
Easier Billing Method

1. Your billing already conerted to IDR
2. Easy pay by direct billing to Metrodata included VAT

02
Strengthen Learning Management System Apps

1. Comprehensive learning models
2. High chance of adjustment as your needed
3. Complete your end-to-end control

03
Secure Your LMS Assets

1. Manage by AWS Professional Partner
2. Offers included with AWS Security Serices

Thank You For Your Attention!

If any questions or more detail, don't hesitate to coming us. Please contact our Product Specialist here :

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