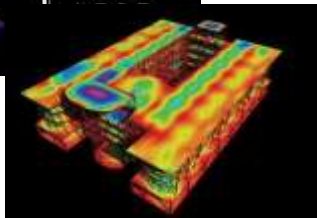
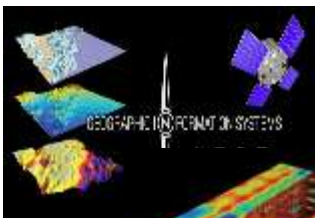




COMPANY PROFILE

UPTREND TECHNOLOGY SDN BHD
Registration No: 201501039662 (1164980-W)





CONTENTS

- 1. Company's Introduction.**
- 2. Company's Vision & Mission.**
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- 6. Enterprise Solution.**
- 7. Capacity Building.**
- 8. Dashboard Monitoring Module.**
- 9. Project Experience.**
- 10. Project Portfolio.**
- 11. Project Activities.**
- 12. Registration & Related Forms & Documents**
- 13. Software & Technologies Platform**

Company Introduction

UPTREND TECHNOLOGY SDN. BHD.
201501039662 (1164980-W)

Ground & First Floor, Lot 3326 & 3327, Block 10, KCLD, Lorong Green No.1, Jalan Green, 93200, Kuching, Sarawak.

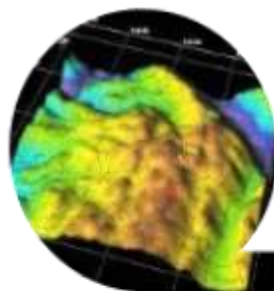
ABOUT US

Uptrend Technology's **focus is to become the pioneer** by providing **Project Management Services** which is **focus orientated by utilising the Geospatial & BIM platform technology**.

The company is supported by professionals and its administrative staffs together with its alliance partners (Subject Matter Expert - SMEs) associates, and is capable to provide an **end-to end system solution with diverse technical and project management skillsets in relation to the Project System Implementation & Coordination works**.

Uptrend Technology's goals and aspiration is to ensure that we achieve our Client's expectations in delivering the project successfully **without compromising on the quality, and managing and controlling the deliverables within the expected time and budget** based on the projects requirements.

Our team's **core strength in the Project Management Services** has seen us successfully planning, managing, controlling and executing the current and new projects for our Clients by leading the interface and coordination works for the myriad of technical services provided under our company's capabilities, and thus becoming a **complete "One Stop" Technical Services Solution Provider**.



UPTREND TECHNOLOGY'S VISION & MISSION

VISION

01

To be the **Lead and Centric Services Provider** through **digital innovation** and **technology humanization** in supporting our Client's business needs, growth and sustainability.

MISSION

01

To improve and **enhance the project delivery and execution** through **efficient solutions**.

02

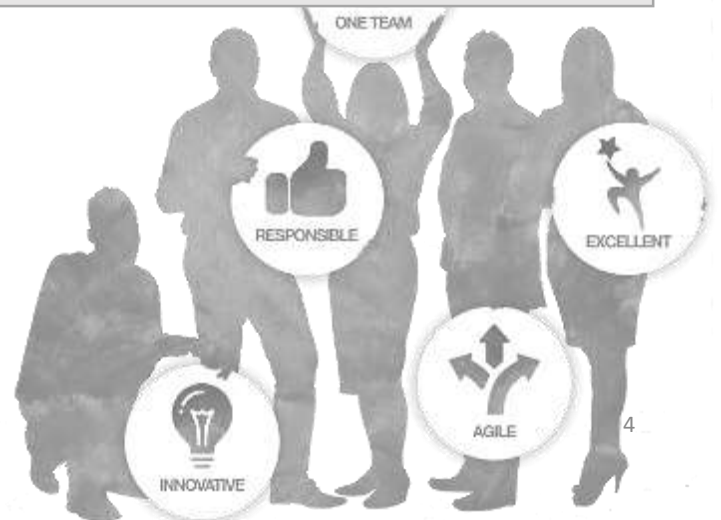
To deliver our services by **humanizing technology** through **professionalism, dedication and commitment** in understanding our Client's business goals and aspiration.

03

To provide **Innovation, Cost Effective and Practical Technical & Engineering Solutions** without compromising the **quality, time, safety and cost impact**.

04

As a lead on **Technical Advancement and Human Capital Development**.



CORPORATE INFORMATION

BUSINESS CONTACTS

Ground & First Floor, Lot 3326 & 3327,
Block 10, KCLD, Lorong Green No.1,
Jalan Green, 93200, Kuching, Sarawak.

Tel: 082 - 550 603

Fax: 082 - 550 604

PAID UP CAPITAL

RM 5,000,000.00

COMPANY REGISTRATION

201501039662 (1164980-W)

OTHERS

- **UPKJ Licensing**
- **PETRONAS SWEC Licensing - Ongoing**
- **MOF Licensing**
- **CIDB G7**

COMPANY SECRETARY

**CITIQ CORPORATE ADVISORY
(KUCHING) SDN.BHD.**

Unit E491, 3rd Floor, Block E, ICOM
Square, Jalan Pending, 93450, Kuching,
Sarawak.



Company Director

NO.	NAME	POSITION
1.	Mohamad Affandy Bin Obeng	Director
2.	Ir. Ts. Daniel Timothy Sim Shan Chang	Director
3	Ts. Alyssa Nurfariani Binti Semawi	Director

Management Team

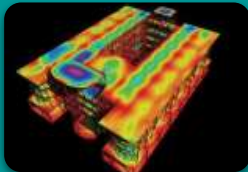
NO	NAME	POSITION
1	Ir. Ts. Daniel Timothy Sim Shan Chang	Chief Executive Officer (CEO)
2	Ts. Alyssa Nurfariani binti Semawi	Head of Operation (HOO)
3	Ts. Simon LH	Project Manager
4	Tay Shook Fen	Corporate Service Manager

Functional & Technical Services



GIS SOLUTIONS

- Data Acquisition
- Data Processing and Project Management
- App Solutions Development



BUILDING INFORMATION MODELLING

- BIM Adoption, Management & Execution
- Training
- BIM Production
- 3D BIM Modelling
- 4D BIM Modelling



ENGINEERING & DESIGN SOLUTIONS

- Environmental
- Design Optimization
- Geotechnical
- App Solutions Development



PROJECT MANAGEMENT SOLUTIONS

- Asset Inventory
- Operation & Maintenance
- Cost Control
- Planning & Scheduling
- Information Management System



TECHNOLOGY AND SOLUTIONS

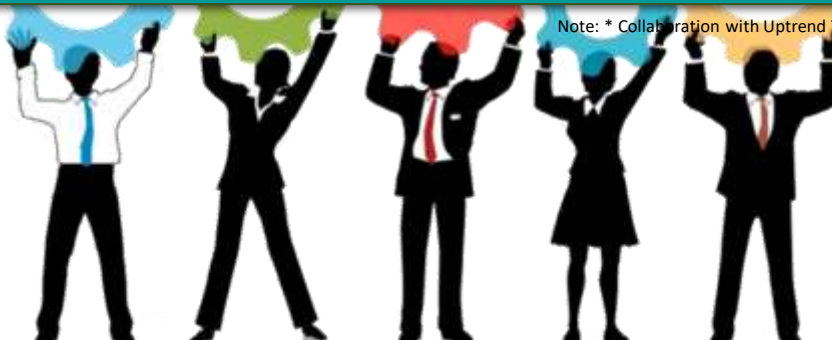
- System Analysis
- Planning, Design, Develop, Integration, Testing, and Implementation
- Cloud Hosting Services
- Big Data Analytics*
- Blockchain Tech*



ENTERPRISE SOLUTIONS

- Unified Communication/ Physical Security
- Data Capture/ Point Of Sales
- Network/ Content Security
- Network Infrastructure
- Server/ Storage/ Enterprise Software

Note: * Collaboration with Uptrend Technology's Strategic Partners



ENTERPRISE SOLUTIONS

UNIFIED COMMUNICATION/ PHYSICAL SECURITY

- Collaboration
- Video & Voice Content
- Telecommunication
- Teleconference
- Telepresence
- CCTV, IP Surveillance & Analytical

DATA CAPTURE/ POINT OF SALES

- Barcode Scanner
- POS-System
- RFID
- Label & Card Printer
- Mobile Computer

NETWORK/ CONTENT SECURITY

- Firewall
- Intrusion Prevention System (IPS)
- Security Information & Event Management (SIEM)
- Data Loss Prevention (DLP)
- Gateway Security/Mail/Web
- Virtualization Security
- End Point Security
- Application Delivery Control
- Proxy
- Firewall Load Balancing
- Web Application Firewall
- SSL

NETWORK INFRASTRUCTURE

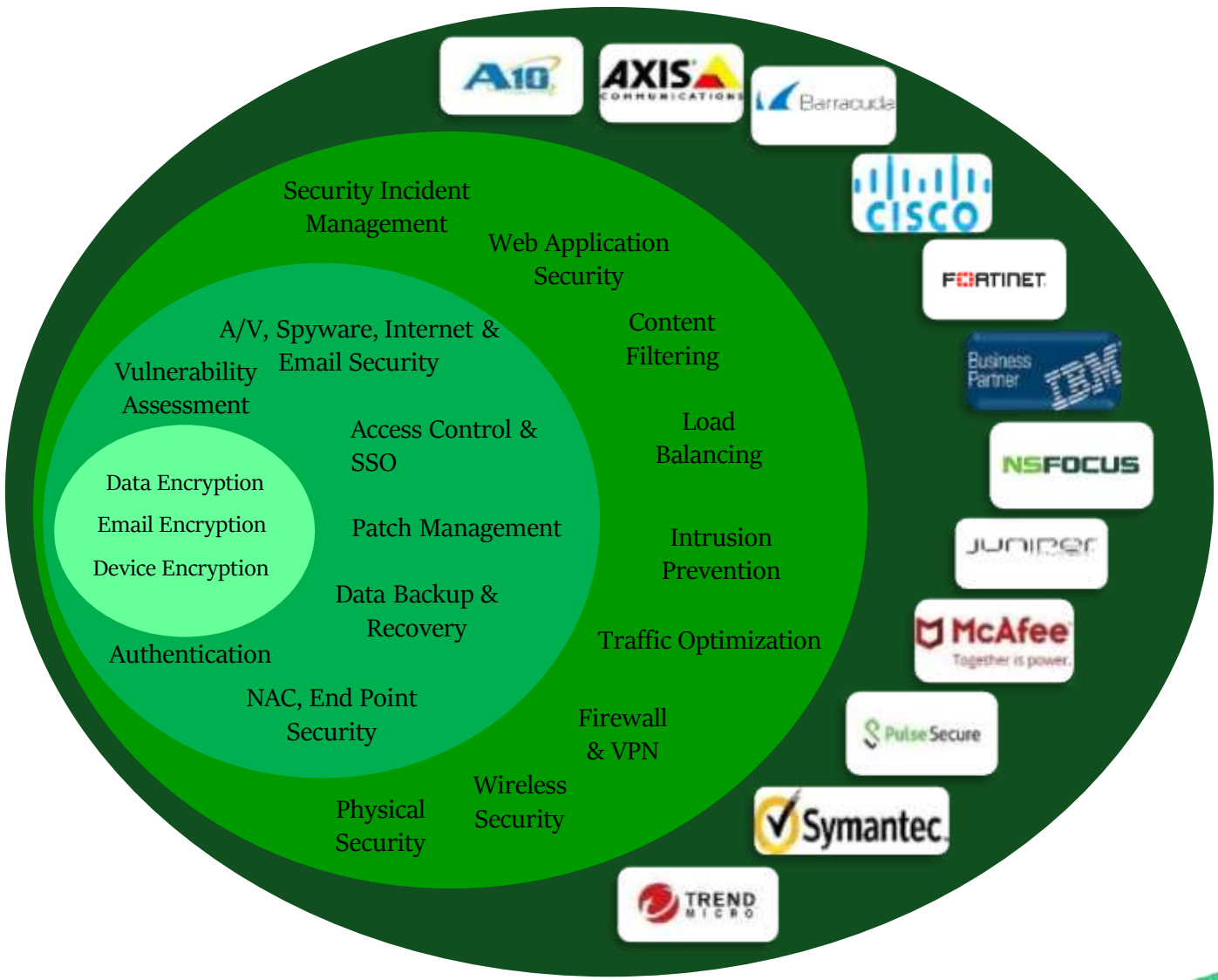
- LAN Switching
- WAN Routing
- Wireless
- Network Management
- WAN Optimizer
- Unified Communication
- Network Layer Monitoring
- Power Management
- Cooling Systems
- Structured Cabling
- Environmental Monitoring
- Load Balancer

SERVER/STORAGE/ ENTERPRISE SOFTWARE

- Virtualization
- High Availability Computing
- SAN/NAS/Object Storage
- Data Replication
- Application Solution
- Content Platform
- Cloud Computing Service
- Operating System & Virtualization
- Middleware, Integration & Mobility Solution
- SAAS Offering
- Big Data, Enterprise Content Management & Analytic

ENTERPRISE SOLUTIONS

SECURITY SOLUTION ARCHITECTURE



ENTERPRISE SOLUTIONS



CYBER SECURITY SOLUTION

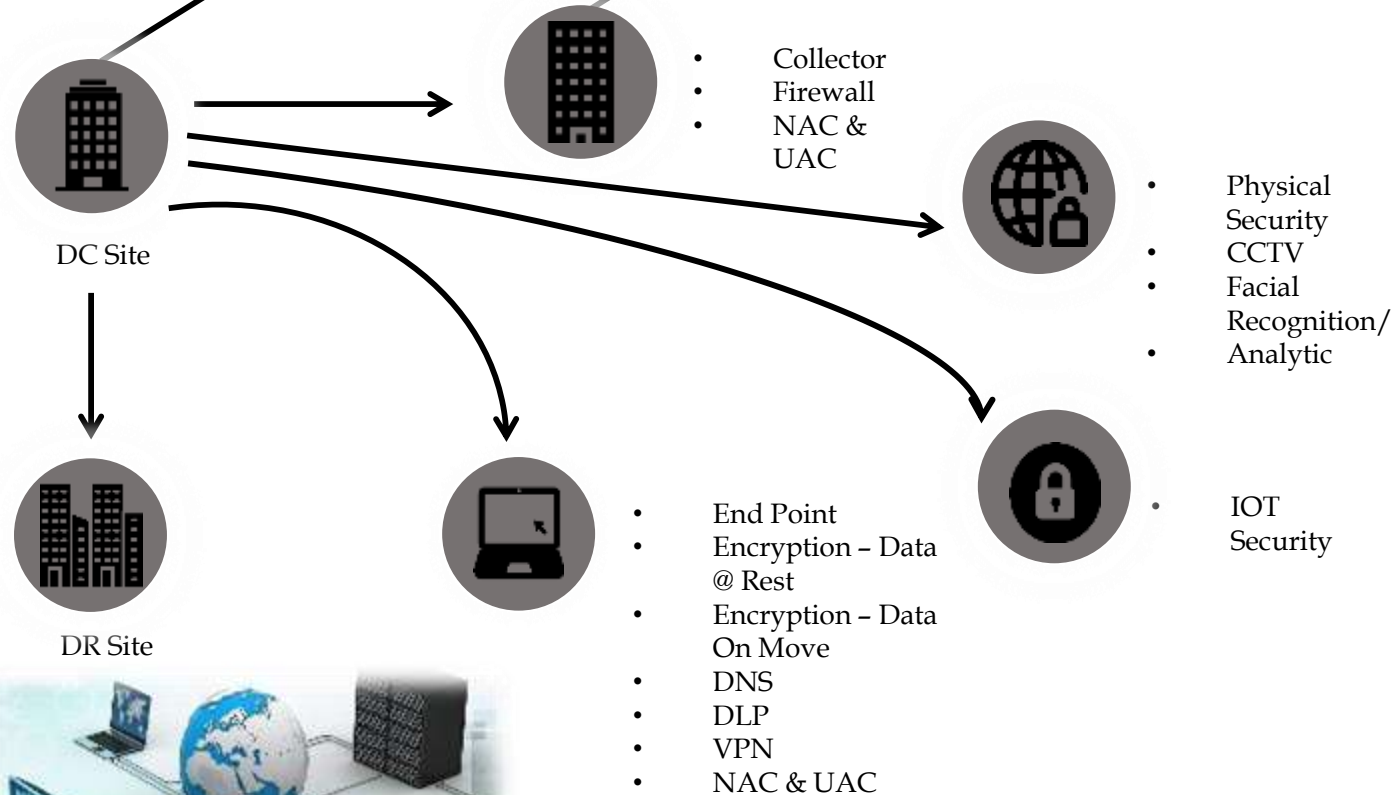
- Hypervisor Sec
- WAF
- FW / NxtGen FW
- DNS App FW (DAF)
- DDOS
- IPS
- SIEM
- Proxy
- SSL Decryp
- VPN
- ATP
- Treat Analysis
- Behaviour Analysis
- URL Filtering
- Forensic
- SAND Boxing
- Machine Learning Sec
- Web Gateway
- Mail Gateway
- Radius

Cloud SOC

Security Operation Centre SOC

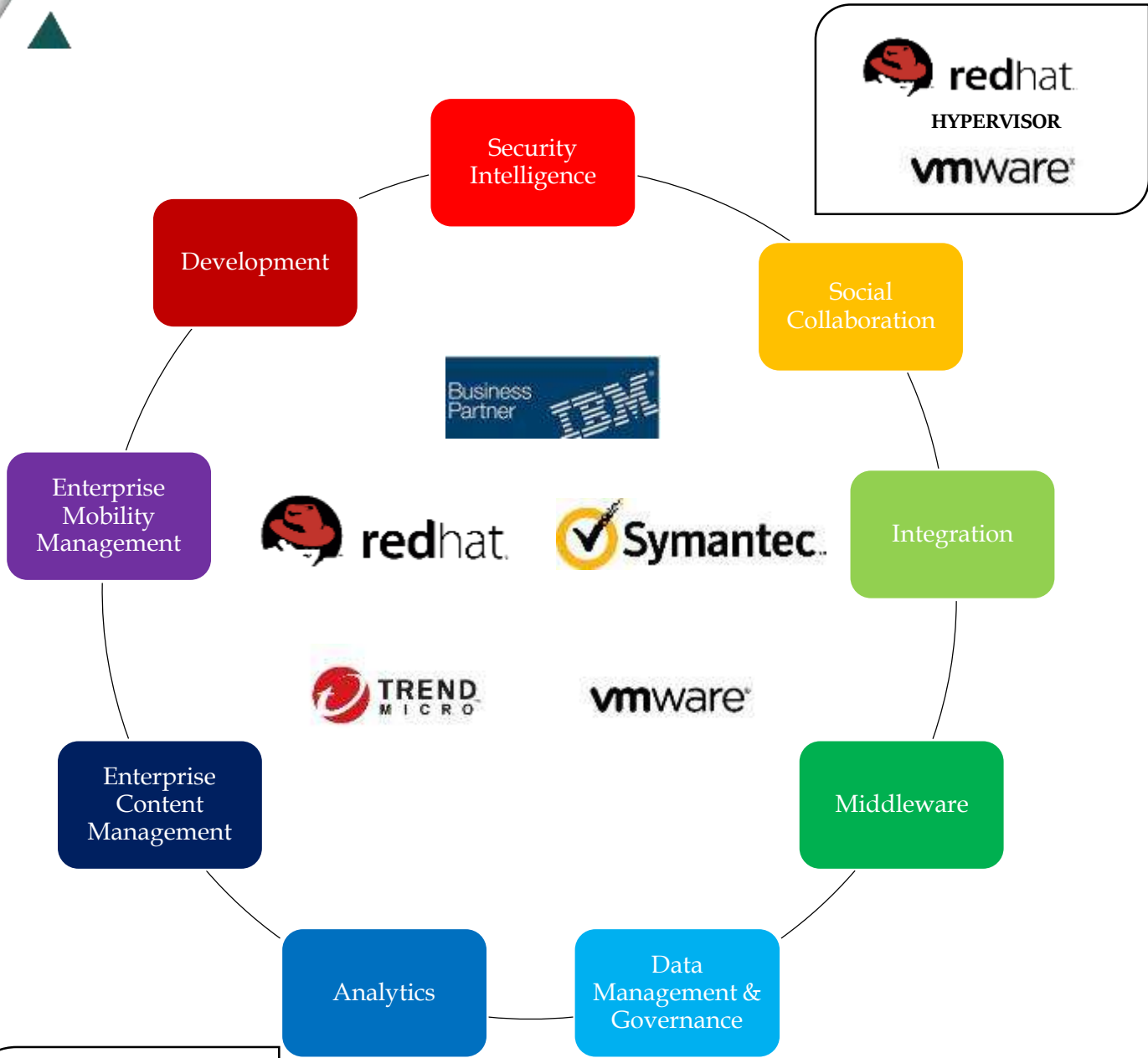
- MDM Security
- BYOD
- Azure
- O 365
- Dropbox + CASB
- Cloud Security

- ISP Sec
- Open Contrail by Juniper
- SDN Sec



ENTERPRISE SOLUTIONS

ENTERPRISE SOFTWARE & SOFTWARE AS-A SERVICE



redhat
HYPERVISOR
vmware

Business Partner
IBM

redhat

Symantec

TREND MICRO

vmware

HYPER-CONVERGED, APPLIANCE, OPENSTACK

cisco

DELL EMC

HITACHI
Inspire the Next
Hitachi Data Systems

Hewlett Packard
Enterprise

redhat

Business Partner
IBM





iDeras Unified Threat Management (UTM)

The iDeras is a unique hybrid solution offering you a unified network and gateway security on a single appliance. Powered by iDeras hybrid OS, the platform is a do-it-all appliance designed to handle all of your needs at Network and Gateway Layers.

This security appliance is a ideal for stand-alone, mid-size and enterprises hybrid applications. Deployment of iDeras, in every aspects of industry, will find the deployment a great value in the flexibility and reliability of this device.

Whether you are protecting your IT environment, running heavy applications or managing your network, iDeras will handle anything an SME business can throw at it. The iDeras delivers an advanced feature set, supports industry-standard protocol, applications and services and simple to install, deploy and maintain.

All iDeras platforms come with a unique Hybrid IT architecture delivering applications and services through a seamless integration of cloud and on premise resources.

iDeras is certified under **Common Criteria EAL II Certification**.



**UNLIMITED
USERS**

**ALL IN ONE
BUSINESS SOLUTION**

**NO YEARLY
SUBSCRIPTIONS**



No limit on number of users. Can be used for small, medium or large size organization

All models come with all the features built in. No additional or hidden cost

One time cost only as no yearly subscriptions required



iDeras Features

Firewall

iDeras Firewall supports in restricting unauthorized access to and from privatenetworks through application of rules and policies



IDPS



iDeras IDPS (Intrusion Detection and Prevention System) identifies, log information, blocks and report all the malicious activities including the prevention if DDoS attacks

PROXY FILTER

iDeras Proxy is a great at content blocking and controlling what can come in your front door. Web and URL filtering can be used to control employee internet usage by blocking access to inappropriate or non-work-related websites, improving employee productivity and limiting the risk of legal action



Anti-Ransomware
Category included with updated domains for malware and ransomware

VPN



iDeras offers two (2) option for VPN connectivity
i.e.
1- IPsec
2- OpenVPN

CAPTIVE PORTAL

Captive Portal allows you to force authentication or redirection to a click through page for network access. This is commonly used in hotspot networks but is also widely used in corporate networks for an additional layer of security on wireless or Internet access.



MONITORING



iDeras provides complete network monitoring tools with graph to analyse the system, firewall and proxy log files. Reports are generated in HTML and PDF format with the option of forwarding log reports to a selected email address/log servers

UNLIMITED
USERS

ALL FEATURES
AVAILABLE IN
ONE MODEL

NO YEARLY
SUBSCRIPTION



iDeras
IDERAS
UNIFIED NETWORK SECURITY PLATFORM

Certified By :
CyberSecurity
MALAYSIA
IPSA
ICT Product Security Assessment Service



Comma Ci Berita 101.3



INFOSYS GATEWAY SDN BHD
WE DRIVE TECHNOLOGY

Suite 3.02B, Level 3, South Wing, Menara OBYLU, No.4 Jalan P.J.U 8/8A, Damansara Perdana, 47820, Petaling Jaya, Selangor D.E.

+603 7821 8984 / +603 7821 8983 +603 7733 8080 info@infosysgateway.com.my www.infosysgateway.com.my



Common Criteria Certificate

is awarded to

Infosys Gateway Sdn Bhd

For

iDeras Unified Threat Management (UTM) v5.02

Type of Product:

Unified Threat Management (UTM) or hybrid solution consists of firewall packet filtering technology, offering server hosting services, network security with management features, and gateway security management within a single appliance. The scope of the evaluation only covers network gateway functions that are responsible to manage the enterprise network traffic flow.

Protection Profile Conformance:
Evaluation Criteria:

None
Common Criteria for Information Technology Security Evaluation
Version 3.1 Revision 4

Evaluation Methodology:

Common Methodology for Information Technology Security
Evaluation Version 3.1 Revision 4
CyberSecurity Malaysia MySEF
EAL2

Malaysian Security Evaluation Facility (MySEF):
Assurance Package:

DIKAMIRUDIN ABDEL WAHAB
MyCC Scheme Head

4 November 2013
Certificate No: 2013-006-C045



The IT product identified in this certificate has been evaluated at an accredited and licensed evaluation facility within Malaysia using the Common Methodology for IT Security Evaluation, Version 3.1 Revision 4, for conformance to the Common Criteria for IT Security Evaluation, Version 3.1 Revision 4. This certificate applies only to the specific version and release of the product in its evaluated configuration and its conformance with the complete Certification Report. The evaluation has been conducted in accordance with the provisions of the Malaysian Common Criteria Evaluation & Certification Scheme and the jurisdiction of the evaluation facility at the Evaluation Technical Report are consistent with the evidence adduced. This certificate is not an endorsement of the IT product by the MyCC Scheme or by any other organization that manages or gives effect to this certificate, and no warranty of the IT product by MyCC Scheme or by any other organization that manages or gives effect to this certificate, is either expressed or implied.



An agency under MOSTI



Ministry of Science,
Technology and Innovation

DASHBOARD MONITORING MODULE

- Uptrend Technology has successfully delivered the system design, development and implementation for Dashboard Monitoring Module for Project Monitoring and Information Management purposes.
- The dashboard is a fully customizable system that can be tailored-suit to match client’s requirements.
- Among the features that can be observed inside the dashboard monitoring module is the GIS Module, Planning and Scheduling Module and Project Monitoring Module.

Figure 01:
Display on Project Graph Dashboard for Planning and Scheduling Module

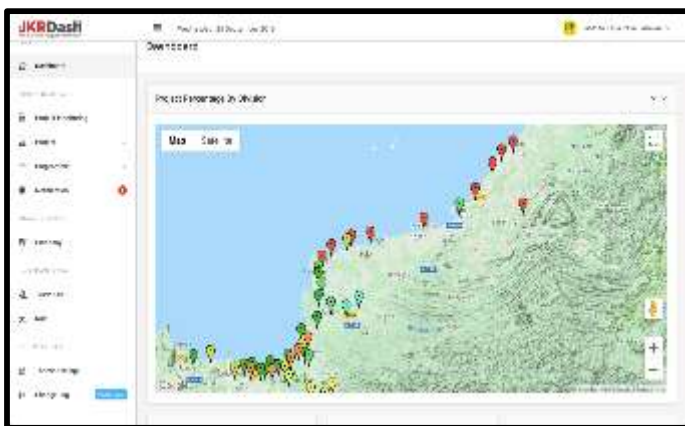
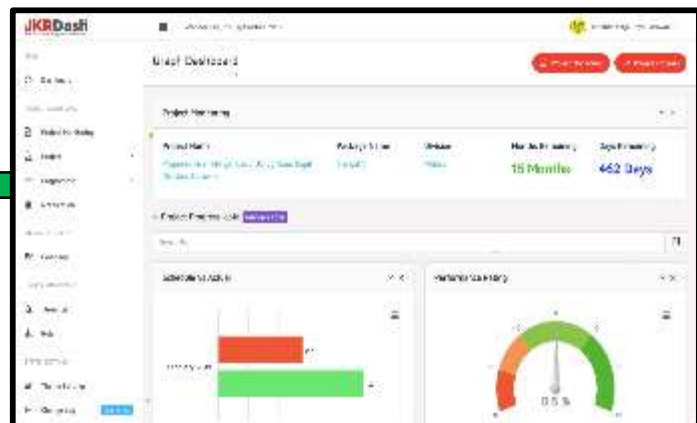
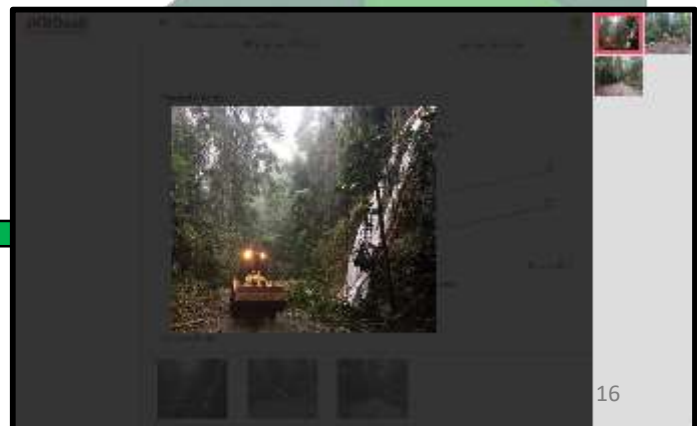


Figure 02:
Display on GIS Information for GIS Module

Figure 03:
Display on Project Progress for Project Monitoring Module



PROJECT EXPERIENCE UNDER UPTREND TECHNOLOGY

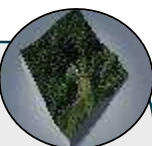
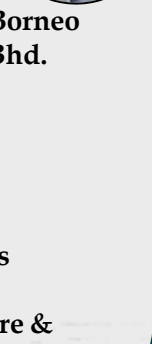
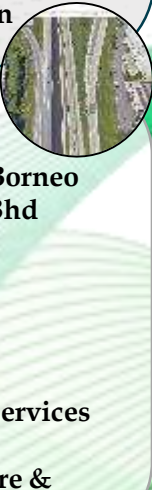

1 PROJECT TITLE	PROJECT SOW	INFO 
<p>Proposed HIM (Highway Information Modeling) System Development & Implementation for the Development & Upgrading of the Pan Borneo Highway in the State of Sarawak, Malaysia -Phase 1</p>	<ul style="list-style-type: none"> Provision of Project Management services and Technical Support by proposing and implementing an integrated system utilizing GIS + BIM + UAS system for the monitoring and control throughout the project life cycle (pre-construction, construction and As-Built) on all 11 WPCs packages in Phase 1. 	<p>Client : Lebuhraya Borneo Utara Sdn. Bhd.</p> <p>Location: Sarawak</p> <p>Status : Completed</p> <p>Type : GIS + BIM Services</p> <p>Industry: Infrastructure & Construction</p>
<p>Proposed Hybrid Survey System for the Development & Upgrading of the Pan Borneo Highway in the State of Sarawak, Malaysia - Phase 2</p>	<ul style="list-style-type: none"> Provision of Project Management and Technical services by utilizing the hybrid survey system (Airborne Laser Survey + Ground Survey) for the Phase 2 (Miri - Limbang - Lawas) 	<p>Client : Lebuhraya Borneo Utara Sdn. Bhd.</p> <p>Location: Sarawak</p> <p>Status : Completed</p> <p>Type : GIS Services</p> <p>Industry: Infrastructure & Construction </p>
<p>Provision of Integrated Digital Solution for JKR Sarawak's Project Ecosystem</p>	<ul style="list-style-type: none"> Provision of Web-Based Dashboard Monitoring System for Project Controls & Monitoring Purposes 	<p>Client : Jabatan Kerja Raya Sarawak </p> <p>Location: Sarawak</p> <p>Status : Completed</p> <p>Type : CDE Platform System</p> <p>Industry: Infrastructure & Construction</p>

PROJECT EXPERIENCE UNDER UPTREND TECHNOLOGY (continued)

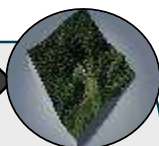


4 PROJECT TITLE	PROJECT SOW	INFO
<p>BIM Support for Utilities Relocation Works for KURW Works under Pan Borneo Highway Project Phase 1</p>	<ul style="list-style-type: none"> Provision of BIM modelling services until Stage 3 Completion works. 	<p>Client : Konsortium URW Sdn. Bhd.</p> <p>Location : Sarawak</p> <p>Status : Completed</p> <p>Type : GIS + BIM Services</p> <p>Industry : Infrastructure & Construction</p>
<p>Bentley Assetwise to Support Road Asset Management</p>	<ul style="list-style-type: none"> Bentley's Assetwise Asset Lifecycle Information Management System (ALIM) which is used worldwide by state, local, national organizations for network-based asset inventory, condition and decision support system. Implementation of linear referencing based road asset management system to support single source of truth for asset inventory and condition information, monitoring of compliance with the owner's maintenance standards, the report on the status of current level of service, optimal budget allocation to preserve the road network to an acceptable level of service and prioritize the maintenance for both roads and bridges. 	<p>Client : Lebuhraya Borneo Utara Sdn. Bhd.</p> <p>Location : Sarawak</p> <p>Status : Completed</p> <p>Type : Asset Management System</p> <p>Industry : Infrastructure & Construction</p>
<p>BASF, Gebeng For Re-Engineering & Re-configuration Study of Chemical Storage Yard for B137</p>	<ul style="list-style-type: none"> Provision of Project Management & Laser Scanning Services & CAD Modelling. 	<p>Client : (PRSB) Petra Resources Sdn. Bhd.</p> <p>Location : Gebeng, Pahang</p> <p>Status : Completed</p> <p>Type : GIS + Engineering Solution</p> <p>Industry : Petro Chemical</p>






PROJECT EXPERIENCE UNDER UPTREND TECHNOLOGY (continued)

7 PROJECT TITLE	PROJECT SOW	INFO	
<p>Airborne Laser Survey (ALS) & Ground Survey (GS) for Redline PBHS Phase 1 (Slope & Drainage Condition Assessment</p>	<ul style="list-style-type: none"> Provision of ALS & GS services for Redline Stretch 	<p>Client : Lebuhraya Borneo Utara Sdn. Bhd.</p> <p>Location : Sarawak</p> <p>Status : Completed</p> <p>Type : GIS Services</p> <p>Industry : Infrastructure & Construction</p>	
<p>Provision for the BIM Support Services on the Redline Stretch totaling 148km for Pan Borneo Highway Sarawak.</p>	<ul style="list-style-type: none"> Provision of Project Management services and Technical Support by proposing and implementing an integrated system utilizing GIS + BIM 	<p>Client : Lebuhraya Borneo Utara Sdn. Bhd</p> <p>Location : Sarawak</p> <p>Status : Completed</p> <p>Type : BIM +GIS Services</p> <p>Industry : Infrastructure & Construction</p>	
<p>Perkhidmatan Sistem Maklumat Projek (ICT) bagi Fasa 1 Projek Lebuhraya Pan Borneo (LPB) Sarawak</p>	<ul style="list-style-type: none"> Provision of Project Management services and Technical Support for integrated project and asset management solution 	<p>Client : Kementerian Kerja Raya</p> <p>Location : Sarawak</p> <p>Status : Ongoing</p> <p>Type : Project Management</p> <p>Industry : Infrastructure & Construction</p>	

PROJECT EXPERIENCE UNDER UPTREND TECHNOLOGY (continued)

10 PROJECT TITLE	PROJECT SOW	INFO
<p>Design, Construction & Completion of the Proposed Northern Coastal Highway for Limbang and Lawas Work Packages - Provision of Digital Engineering Support Service</p>	<ul style="list-style-type: none"> Provision of Digital Engineering Support Services on BIM & GIS as well as Information Management Support Services/ICT Support Services for IT Infra and Security 	<p>Client : MRSB/ Recoda</p> <p>Location : Sarawak</p> <p>Status : Ongoing</p> <p>Type : BIM & GIS Services</p> <p>Industry : Infrastructure & Construction</p> 
<p>Provision of Digital Platform for Dashboard Monitoring using RI Construct for :</p> <ol style="list-style-type: none"> KACC Construction Sdn Bhd Maltimur Resources Sdn Bhd 	<ul style="list-style-type: none"> Implementation of a digital common data environment (CDE) platform for project dashboard monitoring 	<p>Client : MRSB & KACC</p> <p>Location : Sarawak</p> <p>Status : Ongoing</p> <p>Type : -</p> <p>Industry : ICT Services</p> 
<p>Provision of Modelling Services for Pembinaan Maktab Rendah Sains Mara, Lawas, Sarawak</p>	<ul style="list-style-type: none"> Provision of BIM MEP services 	<p>Client : Jurutera Azan</p> <p>Location : Sarawak</p> <p>Status : Completed</p> <p>Type : BIM Services</p> <p>Industry : Infrastructure & Construction</p> 

PROJECT EXPERIENCE UNDER UPTREND TECHNOLOGY (continued)

13 PROJECT TITLE	PROJECT SOW	INFO	
As Built Utilities Survey Works For All Packages In Pan Borneo Highway Sarawak	<ul style="list-style-type: none"> Provision of As Built Utility Survey throughout the entire PBH Sarawak Phase 1 	<p>Client : KURW Sdn Bhd</p> <p>Location : Sarawak</p> <p>Status : Ongoing</p> <p>Type : Project Management</p> <p>Industry : Survey Services</p>	
Perkhidmatan Sistem Maklumat Projek (ICT) Lebuhraya Pan Borneo Sabah - BIM Modelling Services	<ul style="list-style-type: none"> Provision of BIM Services 	<p>Client : Reveron Consulting Sdn Bhd</p> <p>Location : Sabah</p> <p>Status : Ongoing</p> <p>Type : BIM Services</p> <p>Industry : Infrastructure & Construction</p>	
Provision of Software to Bintulu Port	<ul style="list-style-type: none"> Provision of Software 	<p>Client : Bintulu Port</p> <p>Location : Sarawak</p> <p>Status : Completed</p> <p>Type : Software Services</p> <p>Industry : ICT Services</p>	

Key Project Portfolio

a) *Highway Information Modelling (HIM) for Pan Borneo Highway Sarawak*

Client :
Lebuhraya Borneo Utara Sdn. Bhd. (LBU) -
Project Delivery Partner (PDP)

Project Location :
Pan Borneo Highway Sarawak (Approximately
800 km R5 Dual Carriage Road)

Project Status : Completed



PROJECT DESCRIPTION:

Development & Management on the **Highway Information Modelling (HIM)** by fully utilizing the capabilities of **Geospatial Information Solution (GIS) + Building Information Modelling (BIM) technologies platform** as the project management and monitoring tools throughout the entire project life cycle duration. Combining both platforms with the latest **Unmanned Aerial System (UAS)** approach for the on-going project monitoring/reporting purposes as per the Client's requirements. Establishment of the **3D BIM modelling with the Geospatial data integration** which involves all construction disciplines such as the Civil & Structural and Mechanical/Electrical scopes into a collaborative interactive digital environment platform for effective project management, control and monitoring in respect to the time and cost factors.

SCOPE OF WORK:

Overall in-charge on project initiation, planning, implementation, execution & controls and monitoring throughout the project life cycle. Leading, managing and coordinating on the development of BIM modelling, GIS data acquisition and project data integration process with our roles & responsibilities as specified below:-

- a. **Coordinating and managing the HIM Execution Plan;**
- b. **HIM System Design and Development - LOD 300, 400 & 500 development based on BIM Forum 2016 guidelines & BS 1192 requirements;**
- c. **Providing 3D Coordination, 4 D Simulation(Based on Schedule Monitoring from Critical Path), Asset Tagging and Quantity Take-Off;**
- d. **Establish the HIM Standard Operating Procedure;**
- e. **Develop the project data protocol and integration procedure;**
- f. **Coordinating and managing the HIM training, awareness workshop, execution, workshop and any other HIM related event for the Client and their stakeholders.**



Key Project Portfolio

b) Pan Borneo Highway Phase 2 ALS & GS Survey

Client :
Lebuhraya Borneo Utara Sdn. Bhd. (LBU) -
Project Delivery Partner (PDP)

Project Location :
The upgrading of the existing Pan Borneo
Highway in the State of Sarawak extends from
Miri, Limbang & Lawas

Project Status : Completed



PROJECT DESCRIPTION:

Lebuhraya Borneo Utara Sdn Bhd (LBU) is proposing to develop a highway of 2-lane dual-carriageway at JKR R5 standard, with a mix of new alignment construction and upgrades from the existing 2-lane, single-carriageway at JKR R3 and R5 standard. The upgrading of the existing Pan Borneo Highway in the State of Sarawak extends from Miri, Tedungan / Limbang / Pandaruan and Mengkalap / Lawas / Merapok.

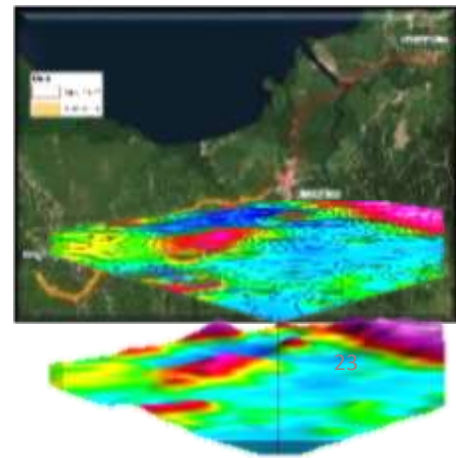
The project requirement has a lot of challenges due to its surrounding locations and geographical factors, and furthermore, the works is needed to be completed within the targeted time and budgeted cost for this project.

Therefore, Uptrend Technology Sdn Bhd is pleased to propose to LBU on the 'AIRBORNE LIDAR & GROUND SURVEY DATA ACQUISITION, PROCESSING, AND ANALYSIS SERVICES FOR PBHS PHASE 2' which is based on the survey specifications that is proposed and designed to meet LBU's project requirement and design specification.

SCOPE OF WORK:

Generally, Uptrend Technology scope of works are to lead, manage and coordinate its partner to deliver their services such as data verification, acquisition and processing which are required to comply with project needs and requirements. Below are the lists of Uptrend Technology scope of works.

- a. Manage subject matter partner work's schedule and execution process according to project requirements.
- b. Monitor subject matter partner work progress and claims.
- c. Ensure all the services executed according the timeframe given.
- d. Ensure acquired data are follow as per project requirement standard.
- e. Ensure submission data are process completely within reliable accuracy and standard.



Key Project Portfolio

c) *JKR Dashboard for Project Monitoring & Control (Web- Based Dashboard Reporting & Server Hosting Services)*

Client :
Jabatan Kerja Raya (JKR) Sarawak; Corporate Planning & FEE Department

Location :
Wisma Saberkas, JKR HQ, Kuching Sarawak.

Project Status : Completed

PROJECT DESCRIPTION:

The objective is to provide an Integrated Digital Solution for JKR Sarawak's existing Project Delivery Eco-system through a **web-based platform for the stakeholders to manage and monitor the project information** which is "near" real time to ensure that project delivery for every project under its purview in Sarawak is managed within the budgeted cost and schedule time for completion.

The projects which are managed in the JKR Dash are as follow: -

- RMK-11
- MTR
- Project Rakyat
- Coastal & 2nd Trunk Road
- Pan Borneo Highway
- KPLB projects
- Dilapidated Schools repair/rebuild

SCOPE OF WORK:

Generally, Uptrend Technology scope of works are to lead, manage and coordinate the delivery of the project scope for its Client and to ensure that the works are done in accordance to the User Requirement Study (URS). Below are the lists of Uptrend Technology scope of works.

- Managing stakeholders **expectations and deliverables**;
- Managing information created using different softwares;(i.e.; Design software, ERP, Finance & Accounting, GIS, Planning & Scheduling, etc.)
- To have a common **Consolidate information Platform** which are created at **distributed project locations – Single True Source of Information on a Common Digital Environment (CDE) for information x-change**;
- Managing existing and new information and document flows;
- Enforcing standards;
- Audit trails and controls;
- **Visibility of the Progress & Performance reporting to the Stake holders**;
- **Progress reporting** across various disciplines.



Key Project Portfolio

d) *Project Information System for Phase 1 Pan Borneo Highway Sarawak*

Client : Kementerian Kerja Raya Malaysia

Location : Pan Borneo Highway Sarawak

Project Status : Ongoing

PROJECT DESCRIPTION:

The execution of the project involved eleven works package contract (WPC) which is 786 km from Telok Melano to Miri. KKR has appointed Uptrend Technology to manage all systems implementation and to assist KKR in **integrated project management and asset management system** at Pan Borneo Sarawak. Uptrend Technology has used the Assetwise highway management system to provide the government with verification of each roadway asset including inventory, location, condition and defect management along that stretch.

The intentions of the system adoption are :

- **To improve project delivery where data sharing is improved throughout project phases with better coordination among owner-consultants-contractor;**
- **Optimize efficiency in order to minimize project delivery time with enhance quality and reduce cost while improving productivity;**
- **Create Building Information Model for better Asset Lifecycle Management to create and enhance the**

SCOPE OF WORK:

Uptrend Technology scope of works are to ensure project delivery excellence in integrated project and asset management solution which comprises of:

- **Project Management System (PMS);**
- **Building Information Modelling (BIM);**
- **Geographical Information System (GIS);**
- **Asset Management System (AMS);**
- **Hyper-Converged Dell Main Server & Hypergrid Caching Server.**

In ensuring the smooth delivery of the project, Uptrend Technology are also required to:

- **Support and maintain the ICT Hardware to run the above systems efficiently;**
- **Develop and maintain the GIS database for the project, and aerial imagery based on Unmanned Aerial Vehicle (UAV) survey;**
- **Key users training for systems usage**
- **Provide systems operational support of all existing software at Pan Borneo Highway Sarawak**



Key Project Portfolio

e) Digital Engineering Support Services for Northern Coastal Highway for Limbang and Lawas Works Packages, Under Northern Region Development Agency (NRDA)

Client :
Maltimur Resources Sdn Bhd

Project Location :
Northern Coastal Highway (Limbang & Lawas)

Project Status : Ongoing



PROJECT DESCRIPTION:

Northern Coastal Highway covers an approximate 86.3 KM for Limbang and Lawas with the propose development for two (2) lane dual carriageways at JKR-R5 standard to enhance the existing road facility in Sarawak. In order to ensure the project will be delivered efficiently in a stipulated timeline, there is a need for **digitalization for project delivery and transition to asset operation and maintenance** of the NCH project.

The proposed **Digital Engineering Support Services** comprised of the following services and digital tools to accomplish successful implementation :

- i. **Building Information Modelling (BIM)**
- ii. **Geographic Information System (GIS)**
- iii. **Reality Modelling**
- iv. **ICT Support Services**



SCOPE OF WORK:

Generally, UTSB scope of works consist of the provision of the manpower support and utilizing BIM & GIS digital authoring tools to ensure successful digital project execution and delivery assurance,

- a. **Preparation of BIM Execution Plan (BEP);**
- b. **To produce, manage & update BIM models from design, construction and for asset management;**
- c. **Conduct coordination meeting at strategic phase of the project**
- d. **Produce a Geo-Referenced Reality Model from Bentley Context Capture**
- e. **To set up and support GIS data work to support the needs of NCH project**
- f. **Provide GIS data conversion services from survey, local plan and design data into GIS features in GIS data format**

UPTREND TECHNOLOGY PROJECT ACTIVITIES

JKR Labuan visit to Uptrend Technology HIM incubator



HIM UAV Field Work



Trimble Quantum V8.2 Training at Uptrend Technology



CEO RECODA to Uptrend Technology Level 9 2019



HIM VDC Lab



Participation in IDECS 2019



Participation in SIBEC 2018



Visit from JKRS to Level 9



International recognition: Winner for Year In Infrastructure Award 2018 (UK) & 2019 (Singapore)



TIDAK BOLEH DIPINDAH MILIK

Pejabat Setiausaha Kewangan Negeri Sarawak
Unit Pendaftaran Kontraktor Dan Juruperunding

**UPKJ Pendaftaran Sebagai
Juruperunding**

Registration Certificate

Dengan ini diperakui bahawa dalam bidang KONSULTAN

Syarikat
No. Pendaftaran
Alamat Berdaftar

Kategori Pendaftaran
PENGURUSAN PROJEK

NO. SURAT
NO. BUJUKA
TAMPOH SARAWAK

Berikutan dengan ini diperakui syarikat
UPTREND TECHNOLOGY SDN BHD
UNIT 06-02 LEVEL 9
GATEWAY KUCHING
JALAN BUKIT MATA
KUCHING
93100 KUCHING TOWN LAKE
SARAWAK, MALAYSIA

Telah berdaftar dengan Kementerian dan sub-bidang seperti di Lampiran D. Individu yang diberi

DR DANIEL TIMOTHY SIM BHAG
ENJNE MOHAMMAD AFFANDY BIN
MUHAMMAD ALYAS HAZAFARUDDIN
ENJNE SIMON LIMDH
ENJNE YAP CHIEH HOONG

Setiausaha Kewangan Negeri Sarawak



CIDB MALAYSIA

PERAKUAN PENDAFTARAN

Adalah dengan ini diperakui bahawa kontraktor yang dinyatakan di bawah ini telah berdaftar dengan Lembaga mengikut Bahagian VI Aita Lembaga Pembangunan Industri Peminaan Malaysia 1994. Pendaftaran ini adalah tertakluk kepada syarat-syarat yang telah ditetapkan bersama perakuan ini.

No. Pendaftaran
Nama Kontraktor
Alamat Berdaftar

Daerah
Tarikh Mula Berdaftar

URED	KATEGORI
07	B
07	CE
07	ME

Tarikh Mula Berkuatkuasa :
Tarikh Habis Tempoh Perakuan
STATUS: DORMAN

Kerna Eksklusif
Lembaga Pembangunan Industri
Tarikh: 12/01/2022

Bentley
Advancing Infrastructure

2nd July 2022

Ir. Ezeleli T. Sim Shan Chang
Chief Operating Officer
Uptrend Technology Sdn Bhd
21, 2nd Floor Ban Hock Road
93100 Kuching
Sarawak

Dear Mr. Daniel,

In line with UTSM's strategic plans to sell Bentley Products and Solutions in the state of Sarawak and Peninsular Malaysia, our team would like to recommend and introduce our local Reseller and Solution partner in Kuala Lumpur Malaysia for you to work with.

Our authorized channel partner **Reveron Consulting** (www.reveronconsulting.com) has a significant track record in selling and delivering Bentley Products and solutions in large to medium scale projects across the region. Reveron has a local dedicated team specialising on ProjectWise and Integration platforms that can provide localized support. Bentley strongly believes that Reveron together with Bentley can provide the expertise, skill sets, experience and technology capabilities to deliver solutions that UTSM would require.

I have copied Mr. Ravi Raka, CEO of Reveron on this letter who will connect and liaise with you regarding this.

Thank you again

Best regards,

Kaushik Chakraborty
Kaushik Chakraborty
Vice President, SE Asia

CC: Ravi Raka, Reveron Consulting, Malaysia

PRODUCTS & TECHNOLOGIES PLATFORM





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