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COMPANY INTRODUCTION

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HUE – LOCAL OVERVIEW

FPT SOFTWARE HUE

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HUE

Green City Of Culture And Heritage

The Timeless Beauty of Ancient Capital Hue

- The last capital of Vietnam
- City of heritage: Complex of Hué Monuments (1993), Royal Court Music (2003), Woodblocks of the Nguyen Dynasty (2009), Imperial Records of the Nguyen Dynasty (2014), and Literature on Hue Royal Architecture (2016).
- A wonderful resort destination with an extremely rich culinary tradition and green, fresh spaces.
- Area: 5,025 km²
- Population: ~ 1.2 million people.
- Climate: 4 seasons.

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National Green City (WWF, 2016) with Amazing Cuisine and Beautiful Scenery

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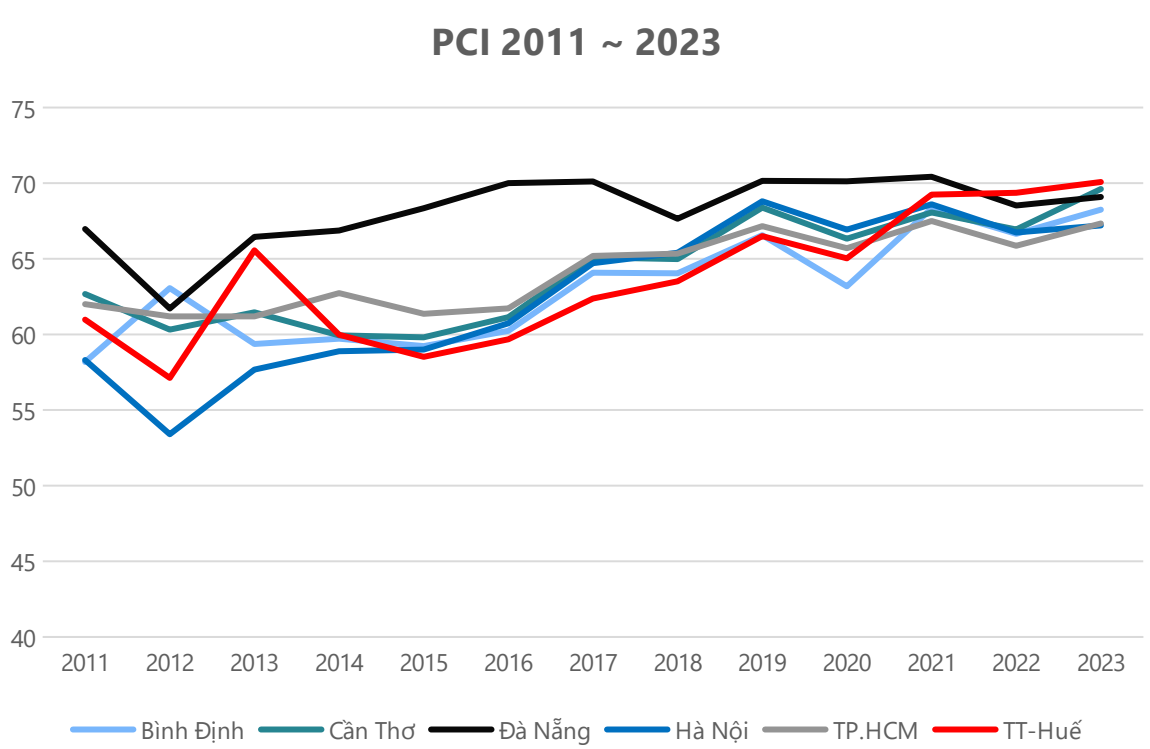
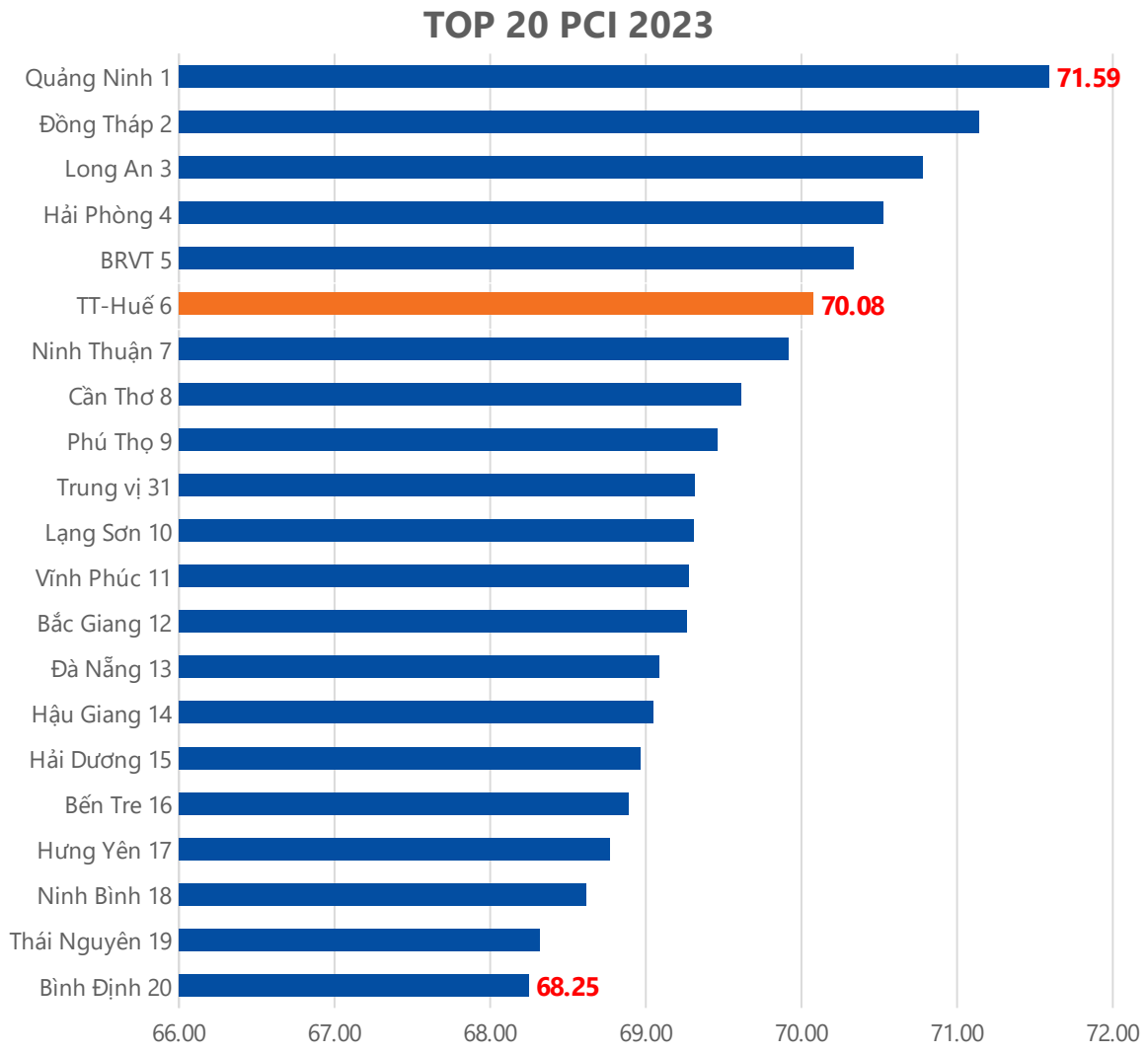
Hue PCI – Provincial Competitiveness Index





The Provincial Competitiveness Index or PCI (abbreviation of Provincial Competitiveness Index) is an index that evaluates and ranks the governments of provinces and cities in Vietnam on the quality of economic management and building a favorable business environment. beneficial for the development of private enterprises.

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Develop With Green Technology and Digital Transformation

Top 4
National Digital Transformation Index (DTI) of Viet Nam

Green development:
- Healthcare
- Education
- IT
- Green tourism
- Green industry

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Graduated in IT and Foreign Languages

IT

No.	Universities/Colleges	Faculties	Expected number of graduates			
			2021	2022	2023	2024
1	University of Science, Hue University	IT	130	150	220	350
		E&T	40	40	40	40
2	University of Economics, Hue University	IS	40	50	50	50
3	University of Education, Hue University	IT	40	40	40	50
5	Phu Xuan University	IT	30	30	30	30
6	School of Engineering and Technology – Hue University	AI	-	-	-	30
		BigData	-	-	-	20
7	Hue Industrial College	IT	50	75	90	100
8	Other	IT	30	50	60	80
		Total	**320**	**435**	**530**	**750**

Foreign Language

No.	Universities/Colleges	Faculties	Expected number of graduates			
			2021	2022	2023	2024
1	Japanese, University of Foreign Languages	Language	120	128	160	185
2	Korean, University of Foreign Languages	Language	40	70	80	90
3	Chinese, University of Foreign Languages	Language	160	182	202	180
4	English, University of Foreign Languages	Language	203	283	340	387
		Total	**523**	**663**	**782**	**842**

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Paradise for ODC

Overview

- Founded : **12/2022**
- Employees : **160**
- Goals:
  - **1,000 employees by 2026**
  - **Campus by 2027**
- Development orientation: 80% of the work focuses on Japan/Korea

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FPT Software Hue 2024 Structure

FSOFT HUE 2024

Branch function

LocLX
Chairman

VietTM
CEO

MinhTP2
BD Manager

Delivery function

Fsoft Innovation
CEO: **TaiDP**
Competencies: ITO, BPO, AMS, Staffing

IVS (Independent Verification Services)
Leader: **AnNDV**
Competencies: Testing (Automotive, Automation, Embedded, Domain,...)

JES (Japan End-User Services)
Leader: **TinNC**
Competencies: 100% of senior engineers can communicate in Japanese

FGC

FQC

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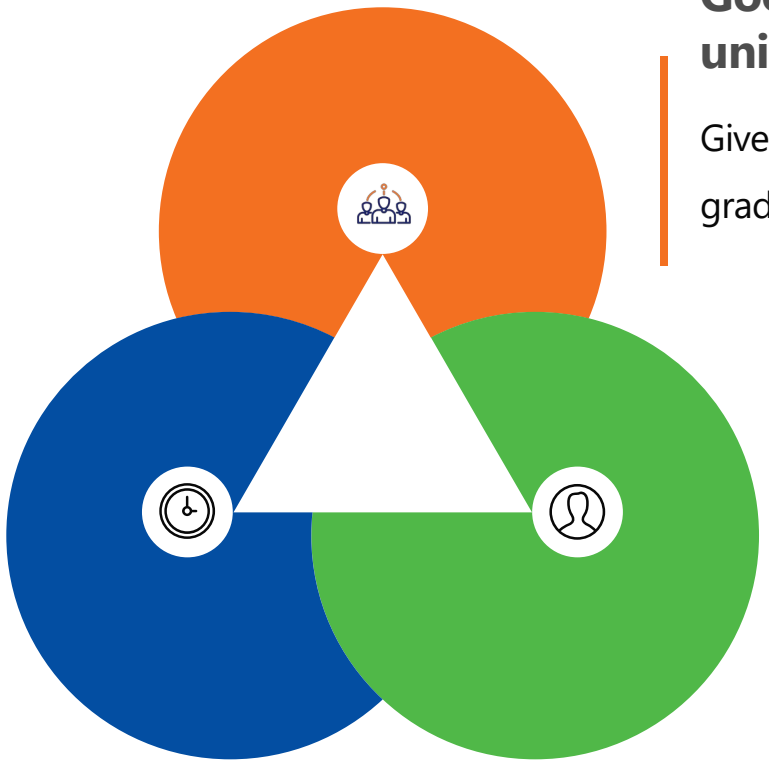
FPT Software Hue – Paradise for ODC

Good relationship with universities and colleges.

Given priority to recruit the best graduates from the school first

Recruitment

Competition for resources is not as intense as in other major cities.



Low TOR

Annual turnover rate below 10%

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Service Offering

ITO

- End to end software development services
- Migration factory

AMS

- Application Managed Service
- L1 – L2 – L3

BPO

- Business Processing
- Data Processing
- Visualization Service
- AI Training Services

TESTING

- Independent Testing Services

STAFFING

- ODC Model
- Staffing augmentation as the team base model or outcome base model

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Service Offering - Catalog

Application Development

- **Typescript -** NodeJS, ReactJS, Angular, AngularJS, VueJS
- **System languages -** Cobol, C++, Swift..
- **Traditional Programing Languages -** Java, .NET, Python, PHP...
- **Mobility -** Swift, Kotlin, Xamarin, Flutter, React Native...
- **Web Development**
- **Desktop Application Development**

Dx Technology

- **Cloud -** Google Cloud Platform, AWS, Azure...
- **DevSecOps**
- **Low-Code -** Power Apps, OutSystems, Mendix, Appian, MuleSoft, Web Performer...
- **RPA –** UIPath, Blue Prism, A.A...
- **Data Engineer/ Data Analytics**

Transformation Services

- **Microservice Transformation**
  - Monolith to Microservice
  - Design and develop microservice application
- **Cloud Migration**
  - Rebuild
  - Lift and Shift
  - Re-architecture
- **Legacy Transformation**
  - Mainframe
  - Reverse Engineering
  - Application Modernization (**Cobol, VB, RPG**...)

Managed Services

- **Application Management**
  - Application Business Support
  - Application Monitoring
  - Application Corrective, Preventive, Adaptive & Perfective Maintenance
  - Application Remediation, Migration, Upgrade & Decommission
- **Cloud Management**
  - Cloud Monitoring
  - Cloud System operation
  - Cloud Security management
  - Cloud Consumption management
- **End User Experience**
  - Helpdesk, Frontline, Service Desk
  - End-User-Computing
- **Security Management**
  - Event Monitoring 24x7
  - Tailored Incident Response Playbook

Business Processing Services

- **Data Processing -** OCR Processing, Data Entry, Data Collection, Data Extraction...
- **Data Science –** Data Collection, Data Classification, Labelling & Annotation, Digital Map...
- **Digital Communication -** CG, VR Crafting, UI/UX & Front design, DTP production, Image processing...
- **3D Service -** CAD/ CAE, AR/VR...
- **Back-office -** HR, Finance & Accounting, GA, Sale support...
- **AI Training Service –** Human in the loop, AI Maturity Model...

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Service Offering – Data Services

DATA ENGINEERING

- Big Data
- Ingestion
- ETL
- Pipelines
- APIs
- Migration

DATA ANALYSIS

- Data Cleansing
- EDA
- Statistical
- Visualization
- Testing

APPLIED DATA SCIENCE

- Feature Engineering
- Modeling
- Time Series
- Validation
- Deployment

BI ANALYTICS

- Catalog
- Dashboards
- Story Telling
- KPIs
- Operation
- Embedded

APPLICATIONS

- Platform
- Utilities
- Orchestration
- Schedule
- CICD
- DevOps

Platform

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Service Offering – Low Code Services

FARM INSTALLATION & MANAGEMENT

- Outsystems (OS) farm installation following industry best practices.
- OS farm management services includes governance planning, administration, configuration and monitoring.

APPLICATION DEVELOPMENT & MAINTANENCE

- End-to-end solution to develop application leveraging Low-code platforms power as well as the deep expertise of business knowledge in wide range of areas
- Application managed service

APPLICATION/PLATFORM MIGRATION/UPGRADE

- Migrate from traditional/legacy to new system leveraging Low-code platform
- Upgrade Low-code platform to keep your system up-to-date
- In-house tools to help speed up time-to-market & boost up productivity

Platform

outsystems
Microsoft PowerApps
servicenow
salesforce

Parkway SINGAPORE
SoftBank
PETRONAS
DUPONT
NISSAY
ZURICH
SGIS
StarHub
NGK 日本ガイシ
CNB CENTRAL NARCOTICS BUREAU
Carlsberg
BBS
PARLIAMENT OF SINGAPORE
MUFG
Gibraltar ジブラルタ生命

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Service Offering – Legacy Transformation

Legacy Transformation = **Migration** + **Modernization** + **Cloud Native**

Multi Solution Paths ✖ **Multi Partnerships** ✖ **Multi Partnerships**

CHALLENGES

Biz Dev Infra

LEGACY SYSTEMS

Challenges:
- Expensive
- Blackbox
- Manual
- Individual Security
- No Portability

MAINFRAME

PLANNING PHASE

- ASESSMENT
- MIGRATION PLANNING
- ANALYSIS
- REVERSE ENGINEERING
- PoC

MIGRATION PHASE

OS Migration

E.g. OS/400 to Linux

Custom-made Migration Tools Services

Development in Low-Code Platform

REFACTORING PHASE

- Micro-Services
- Containerized
- Cloud VM

OPERATION PHASE

Dev SecOps

Biz DevOps DevSecOps

Cloud Native

BENEFITS

- Agility
- Portability
- Automation
- Cost Optimization
- Cost Transparency
- Integrated Operation
- Integrated Security
- Scalability
- Standard API
- On-Premise included

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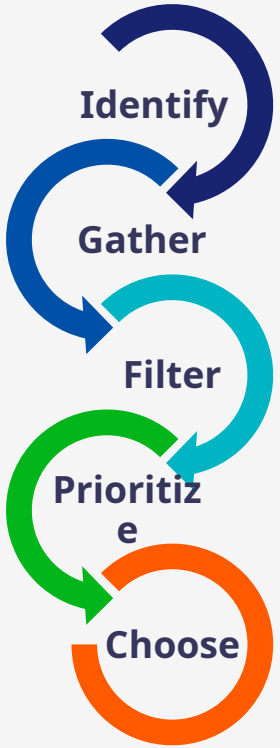
Service Offering – Cloud Migration

Migration Approach Decision Framework



Identify organization's objectives for migrating to the cloud.

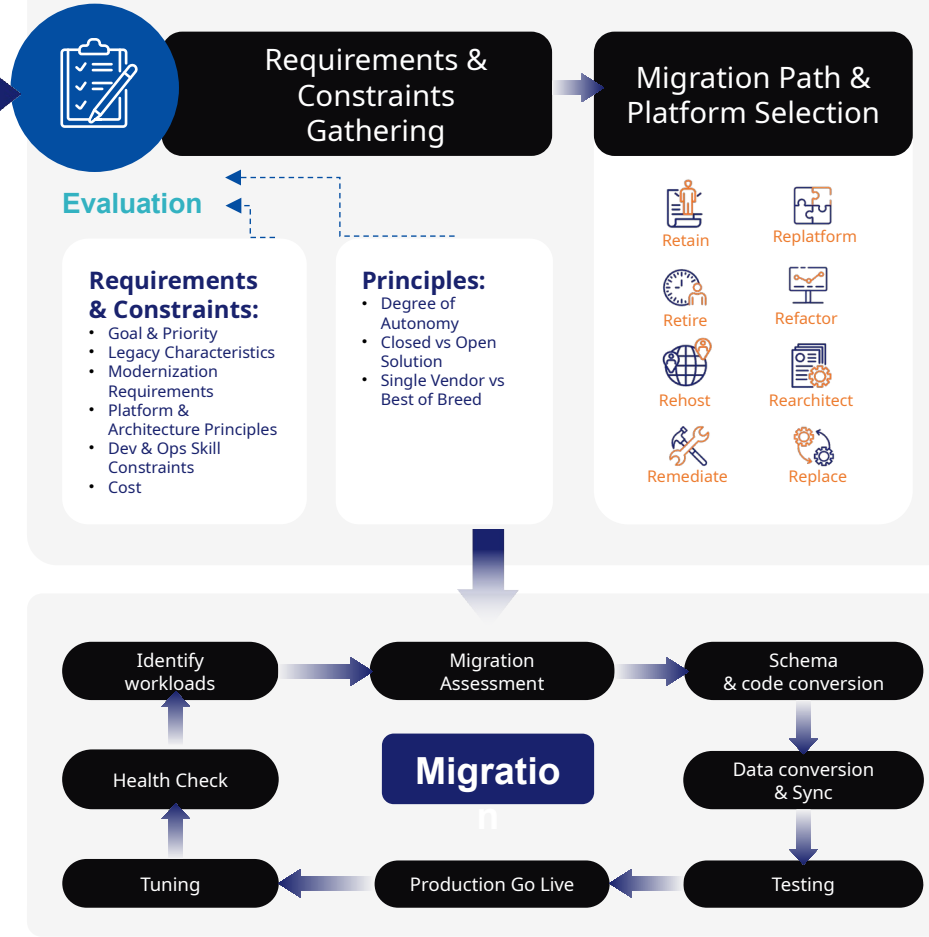
Gather requirements and constraints

Use decision filters and evaluation criteria to rule out impossible paths

Use alternate assessment tool to prioritize goals and match with remaining possible paths

Assess provider quality of service and cost implications then chose between options.

Migration Approach: Path Evaluation



What do we Provide?

Migration method, templates & Guideline
A standard method will provide a practical reference include steps, along with guidance, strategies, best practice examples and templates

Cloud Migration Labs
Hands-on Labs are the fastest way to gain real experience with Cloud Migration. Labs guide you step by step in a secure, sandboxed environment

Resources
Build up Cloud resources to handle Mega cloud migration opts

Cloud Solution Experts
New **DOI** (Digital Open Innovation) unit with many experts focusing on Cloud migration

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Service Offering – Business Processing Services

"Realize" Your Business

Data Processing Services

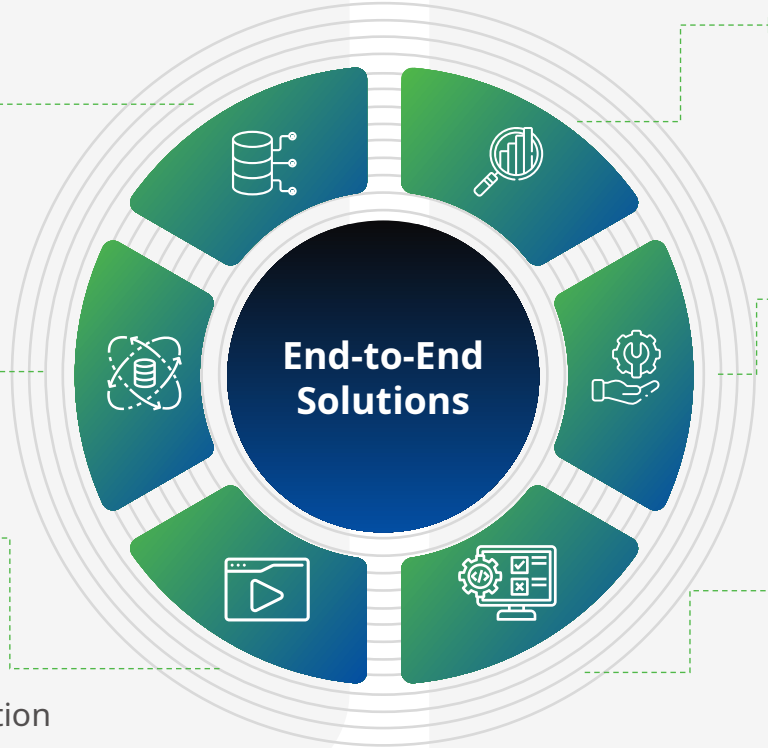
- OCR
- Data Input
- Data classification
- Data analysis
- Data collection
- Data extraction
- Data survey

Data Science Services

- Annotation
- Segmentation
- Machine learning evaluation
- Data classification
- Data collection

Digital Production Services

- CG production
- VR production
- DTP production
- Image processing
- Video production
- Electronic textbook production
- UI / UX / HTML production



"Strengthen" Your Business

Analysis/ Forecasting Services

- Demand forecast
- Shipping plan
- Promotion plan
- Inventory optimization
- JIT
- Sales / Return Forecast
- Check / inspection optimization

Back-Office Services

- HR
- Accounting
- General affairs
- Finance
- Purchase
- Sales support
- Digital Marketing

Desktop App to Web platform

- Help desk
- FAQ maintenance
- Multi-language support
- Chatbot

Trusted By

HITACHI Inspire the Next

ZENRIN Maps to the Future

IBM

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Service Offering – End-Of-Service-Life (EOSL) Services

One-Stop Solution

FrameX

- ✓ Struts 1.x/2.x → Spring Framework 5.x Spring Boot 2.x
- ✓ Flex 4.x → HTML5, TypeScript *(Angular 9.x/Vue.js 2.x/React 16.x...)*
- ✓ Silverlight 5.x → HTML5, TypeScript(..)
- ✓ JSF 2.x → Spring Framework 5.x
- ✓ VB6 → VB.Net, C#, WPF, ASP.Net
- ✓ Classic ASP → ASP.Net
- ✓ DB2/Sybase/PostgreSQL ↔ Oracle/MySQL
- ✓ iBATIS/ MyBatis → Hibernate

Version UP

- ✓ OS (Wins XP → Wins 10, Android, iOS,..)
- ✓ Java 5/6/7/8 → Java 11
- ✓ DB Oracle (10g/11g/12c/18c) → 19c
- ✓ MySQL 5.x → 8.x
- ✓ PostgreSQL 8.x/9x/10/11 → 12.x

Development/Testing tool kit

TOOL Service **akaDeFa**

- Devices Farm services
- Test Bench made by FPT
- Pre-Certificate: Google GMS, Mirror Link, Car Play, Android Auto

TOOL Service **akaAT**

- Selenium, Appium, Winium
- Hybrid Framework Automation
- Web, Mobile, Automotive
- Compete vs other tools
- Consultant services

akaAT Features

- Object Recognition and Environment
- Keyword/Data Driven
- UI and Middleware Testing
- Test Reporting
- Cross Browser/Mobile/Smart Device
- Test Reporting
- Parallel Testing

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Service Offering – Manage Services

Infra & Cloud Management Service

- System Management
- Storage Backup and Restore Management
- Network Management
- Active Directory Management
- Database Management
- Disaster Recovery
- Security Audit and Scanning
- Proactive Monitoring
- Provisioning, Scaling & Resizing
- System Management
- Storage and Content Delivery
- Database Management
- Active Directory Management
- Backup & Restore
- Cost Optimization

Security Management Service

- Security Event Monitoring 24x7
- Detection Engineering
- Tailored Incident Response Playbook
- Platform Management (SIEM, WAF, EDR)
- Managed Detection & Response
- Vulnerability Management

End User Management Service

- Desktop Software Installation and Support
- User Account Administration
- Network Printer Support
- Storage Management
- Email Management
- Triages & Remote Remediation
- VPN configuration

Help Desk Service

- IT Helpdesk Service
- Contact Center
- Customer Service
- Knowledge Base Management
- Multi Language Support
- ITSM Management

Application Managed Service

- Application Transition
- Corrective Maintenance
- Preventive Maintenance
- Adaptive Maintenance
- Perfective Maintenance
- Application Decommission
- Application Deployment

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Service Offering – Digital Assurance & Testing Services

01 End to End Digital Assurance Services

Offer End-to-End services from advisory to operation with AI-Augmented solution to help client achieve certain business goal. Ensure digital transformation projects attain the business objective.

- **Managed Testing Services**
  - Industries Expertise Quality Engineer (Airline, Automotive, Banking, Insurance, Retail, Healthcare, Oil & Gas, Smart Devices)
- **Consultation & Transformation Services**
  - DevTestOps (CoTS)
  - Test Center Of Excellence (CoTS)
  - Test Tools (CoTS)

02 DevTestOps & Automation Test Services

Deliver Shift-Left testing trending service through DevTestOps experience where effective use of Automation Testing is the focus

- **Agile DevTestOps Transformation**
- **Automation Test Implementation & Maintenance**
- **Automated Performance Test**
- **Automated Regression Test**
- **Quality First Development Service**

03 Quality Engineering & Next-Gen Services

Providing testing services for special products needs its own methods and criteria, as well as requires deep knowledge of standards, high skills and specificities

- **Gen-AI & AI Product Testing**
- **Legacy Modernization Testing**
- **Data Quality / Data Migration / ETL Testing**
- **Chipset Design For Testability (DFT)**
- **Microservice Testing**
- **Remote Testing**

04 Quality Assurance Accelerator & Solution

TestVista
Generative AI-Augmented Testing Accelerator

TestMan Platform
End to End Testing Management System

akaAT Platform
Code-less Automation Product

FlexAT
Flexible First Automation Framework

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Thank you.