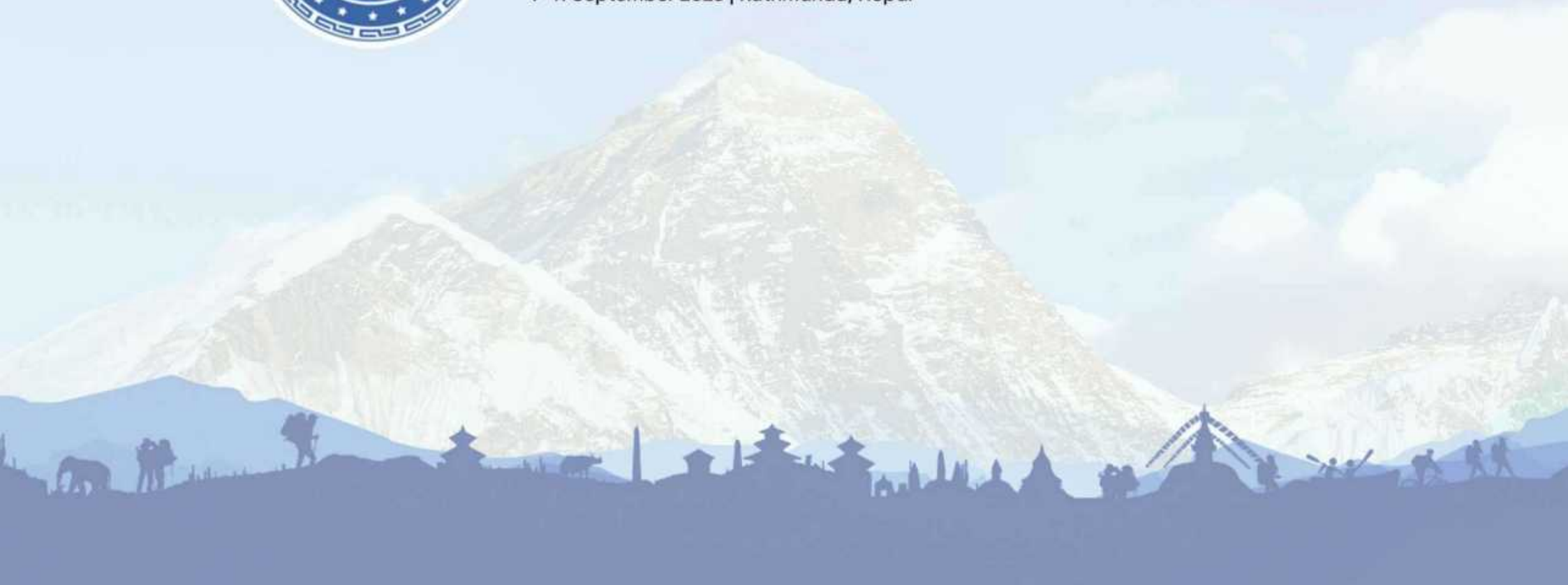




The 6th BRITACOF

Shared Progress in Taxpayer Service for a Better Business Environment

9-11 September 2025 | Kathmandu, Nepal



Digital Technology Application in Tax Administration

Mr. Kuok Iat Hoi, Eddy | Acting Deputy Director of FSB | Macao, China



CONTENT

Cloud-Based Tax Systems

1

Digital Tax Services

2

International Tax Information Exchange

3

Data-Driven Tax Management

4

1

Cloud-Based Tax Systems



Risks and Challenges

IBM
AS/400



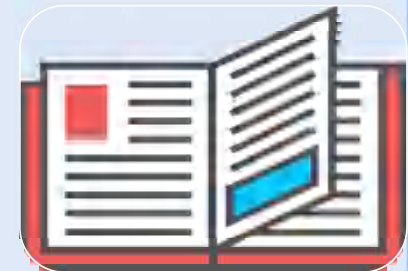
Hardware
End of Support



Obsolete
Software
Framework



Lack of
Modern
Technology



Hard to Fulfill
New Policies
and Requirements

Synergized Fiscal-Tax Operations with Comprehensive Process Digitization

Cross-Platform Tax Services for Taxpayers

Unified and Integrated Backend Applications

Centralized Cloud Storage for Tax Data

Cloud Native Computing Foundation

Synergized Fiscal-Tax Operations

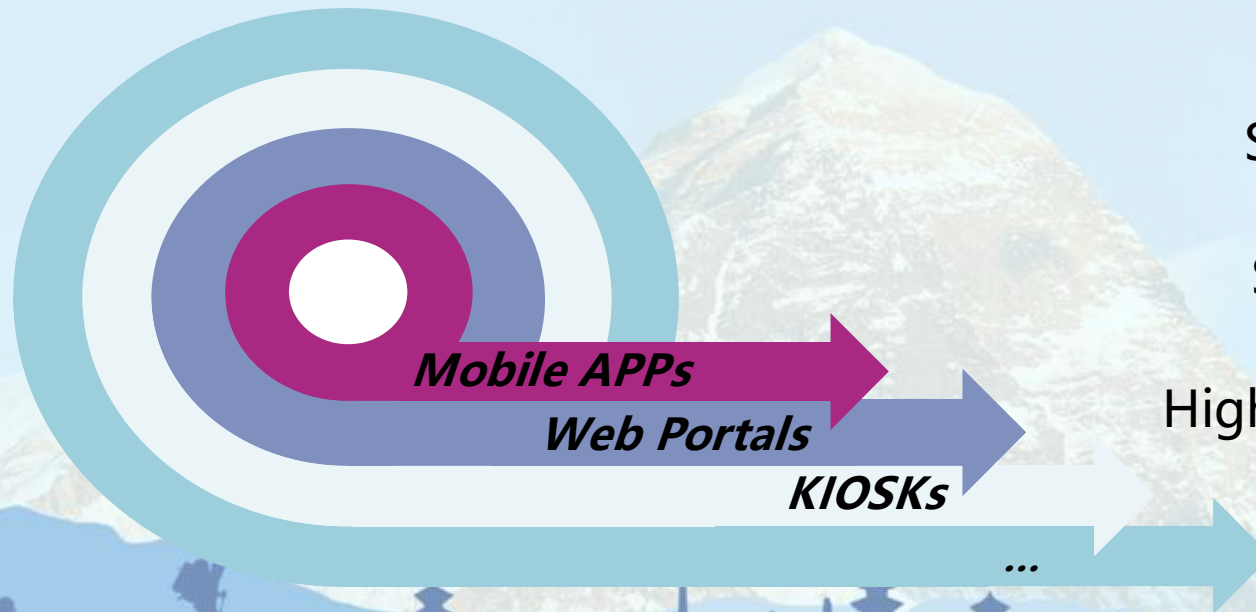
Paperless Review and Approval

Automated Workflow Processing

End-to-End Digital Traceability

Cross-Platform Tax Services for Taxpayers

Unified Tax Service API



GOAL

Seamless Integration

Seamless Experience

High Security Protection

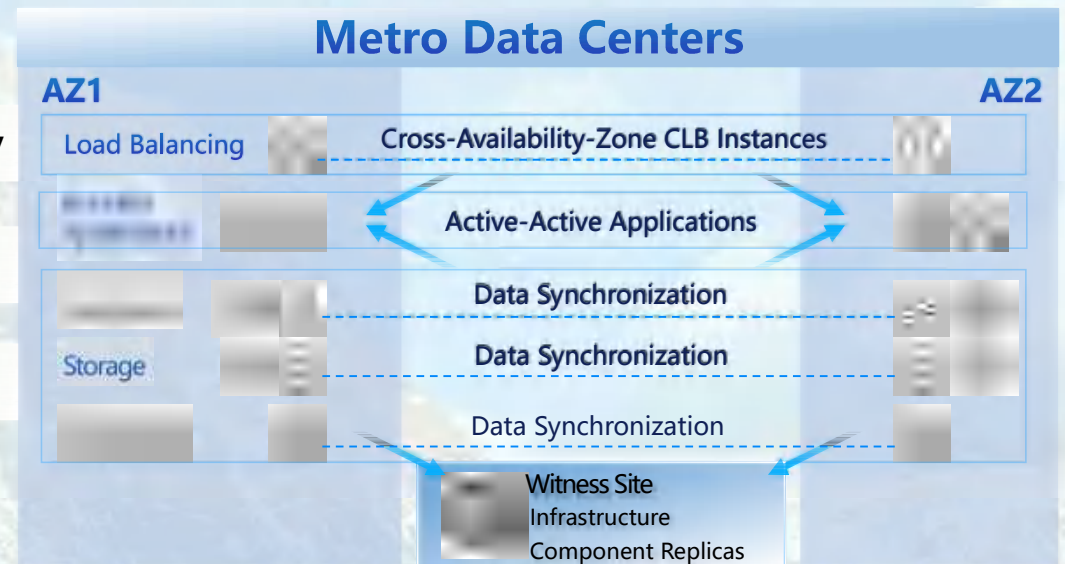
Deploying Multi-Region, Triple-Data-Center Active-Active Cloud Platform



High Scalability

24/7 Nonstop Operations

High Security



2

Digital Tax Services

Key Digitalisation Initiatives and Efforts



"Macao Tax" APP
(Mobile Application)



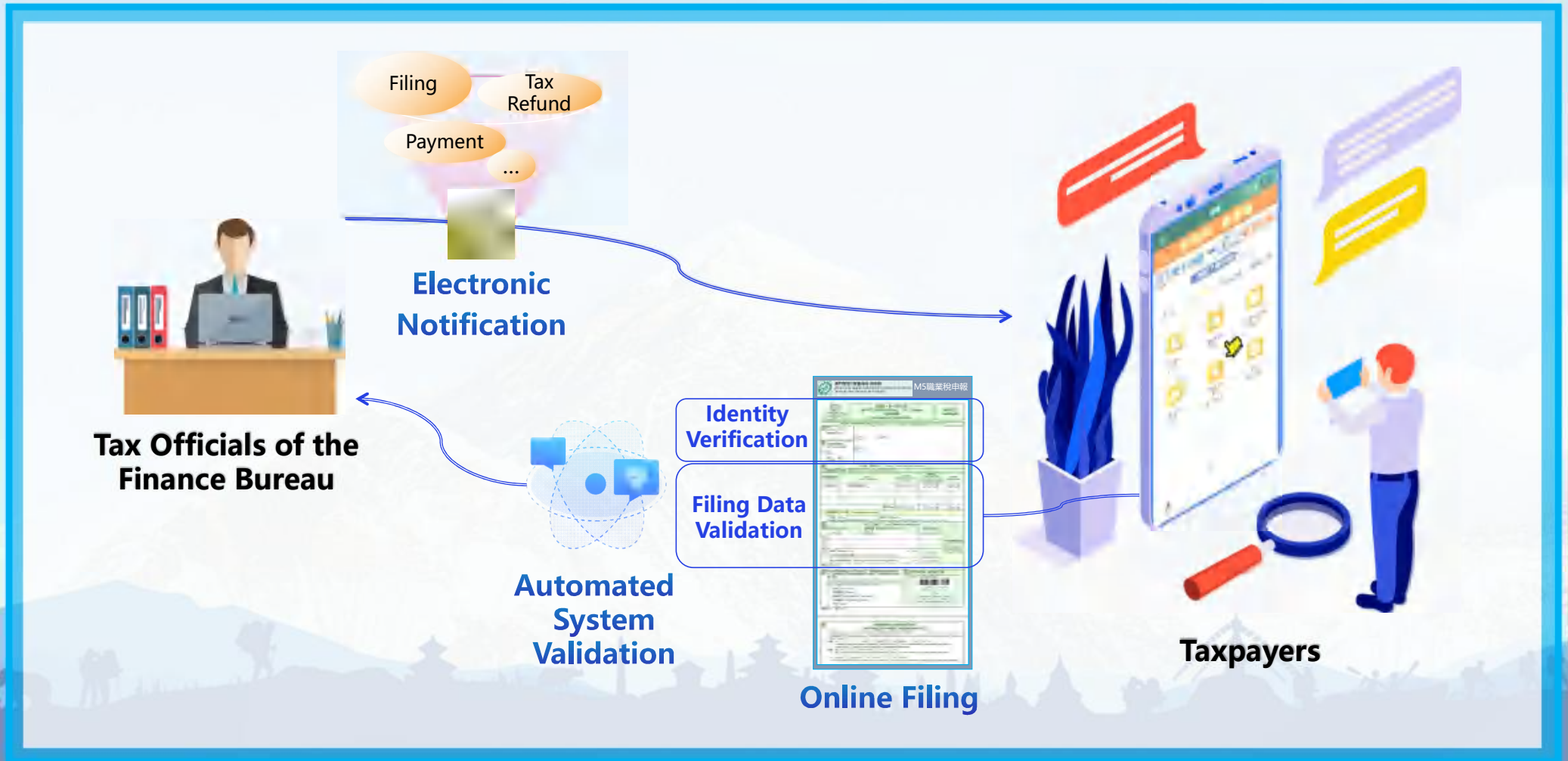
Self Service KIOSKs
(Windows Application)



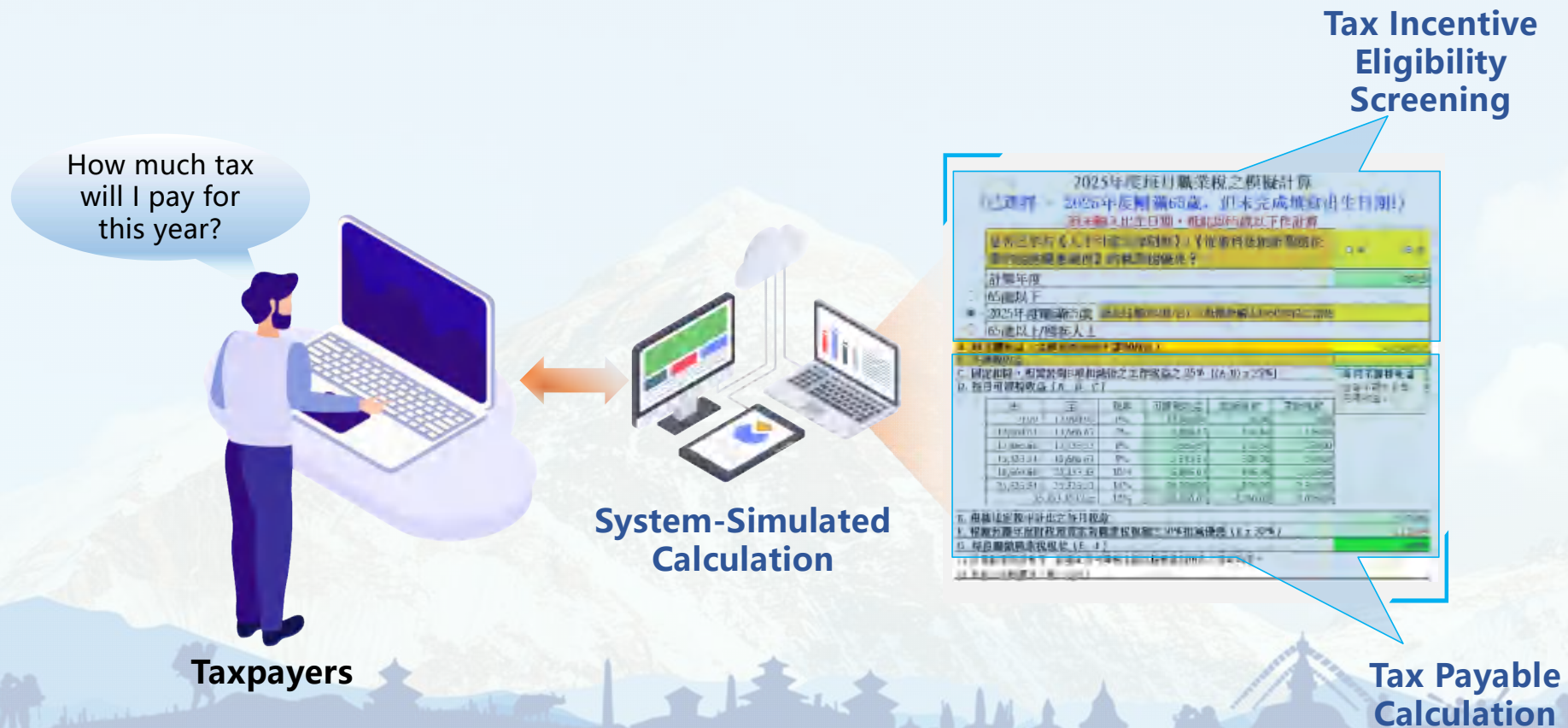
Electronic Tax E-Form
(Web Application)

- E-registration
- E-filing
- E-access
- E-notification
- E-payment
- E-communication

Workflow Automation



Pre-filing Simulation Assistant



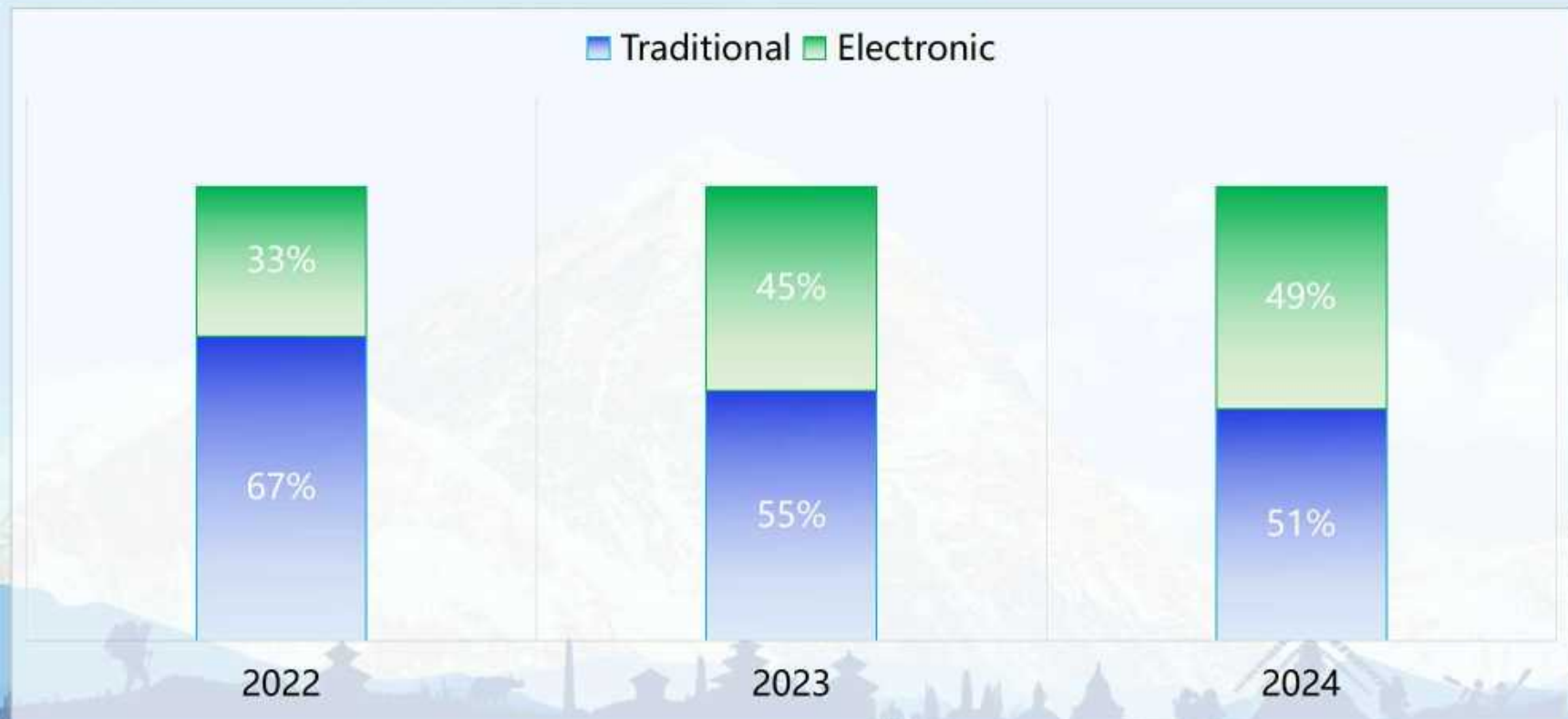
Establishing an Integrated E-Payment Network with Financial Institutions



The use of Electronic Submission



The change in the use of payment methods

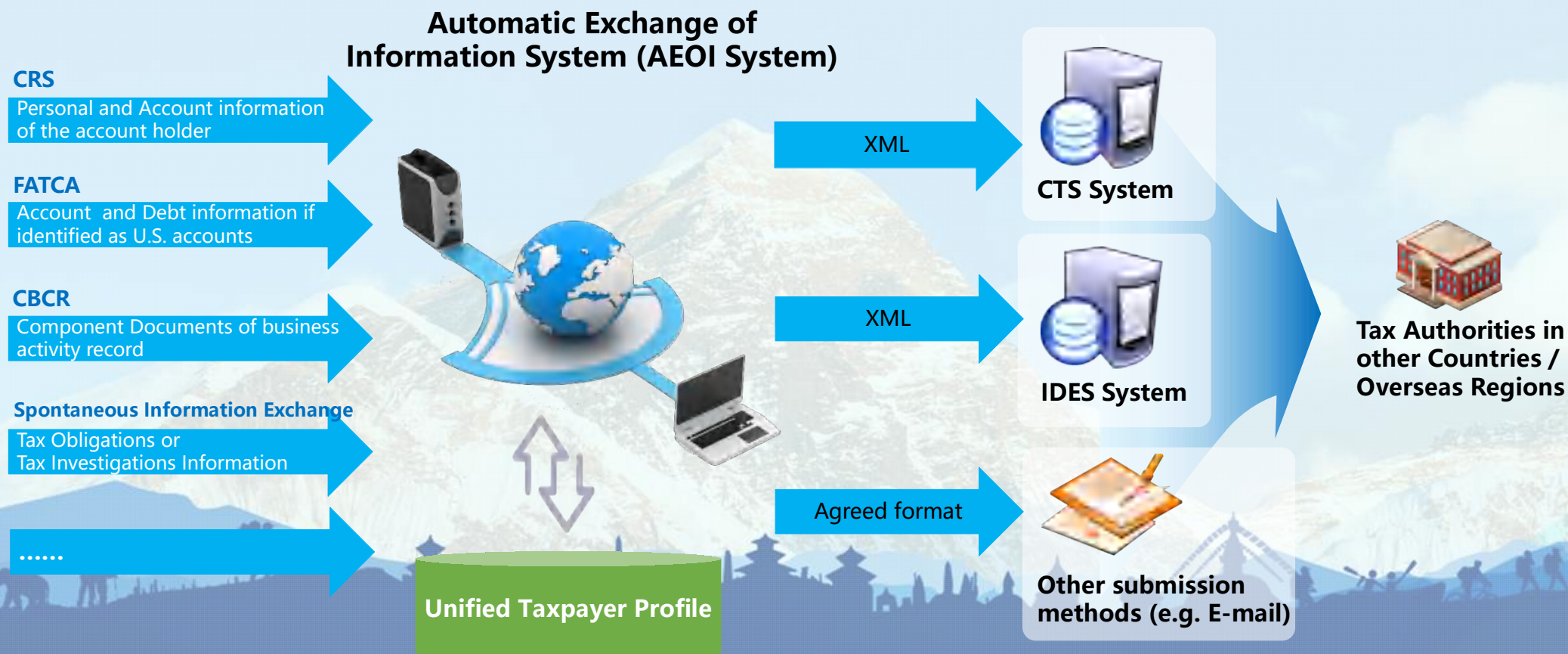


3

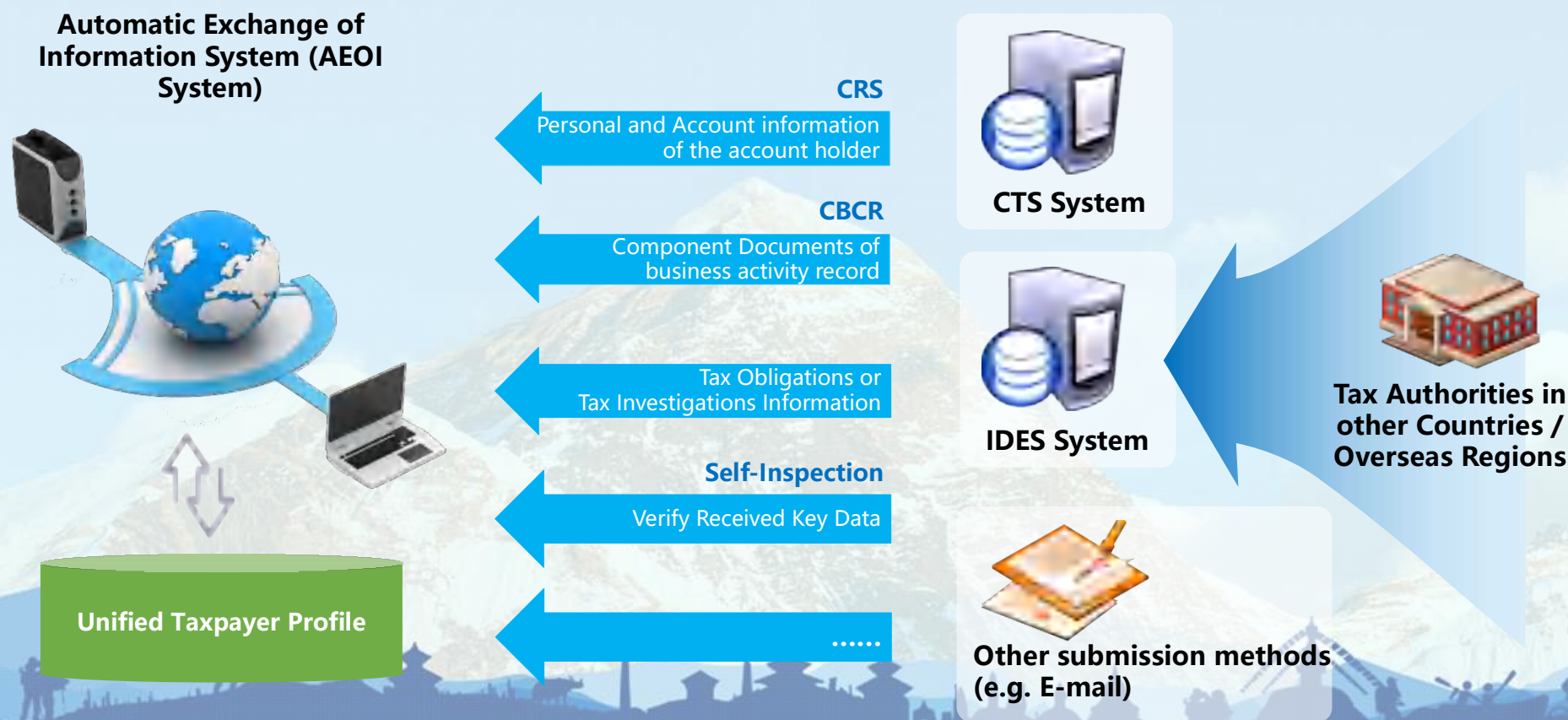
International Tax Information Exchange



International Tax Information Exchange



International Tax Information Exchange



4

Data-Driven Tax Management



Centralized Cloud Storage for Tax Data

Business
Tax

Profits
Tax

Motor
Vehicles
Tax

Tourism
Tax

Salaries
Tax

Stamp
Duty

Property
Tax

Unpaid
Taxes



Sharing Data Using Unified Taxpayer ID



Unified Taxpayer ID

Data Sources: Identification Services
Department and Immigration Department, etc.

Data of related public departments

Business
Registration

Vehicle
Registration

Social Security
System

Real Estates
Registration

...

Unified and Integrated Backend Applications

Taxpayer Services

Mobile App

Web Portal

Kiosk

Tax Information

Tax Calculation

Tax Payment

Tax Administration Business Flow

Business Tax Management

Corporate Tax (A) Management

Corporate Tax (B) Management

Salaries Tax Management

Unpaid Taxes

Tourism Tax Management

Motor Vehicle Tax Management

Stamp Duty Management

Property Tax Management

International Tax Info Exchange

Tax valuation

Tax refutation

External Audit

Violation Penalties

System Management And Data Process

Data Exchange

Central Tax DB

Tax Compliance Administration

Tax Analysis

Tax Simulation

Data-Driven Tax Compliance (Personal Income Tax)

Salaries Tax
(Personal Income
Tax)

Checking
Comparing

Verifying
Auditing

.....

Tax Officials of the Finance Bureau Collects Utilizing Data from Other Government Departments

- Local Resident / Foreign Resident
- The social security contributions
- The Applicable Tax Rate
- Tax Deductions
- Tax Relief Measures
- Tax Refund
- Unpaid Taxes
-

Data-Driven Tax Compliance (Corporate Income Tax)

Profits Tax
(Corporate Income
Tax)

Checking
Comparing

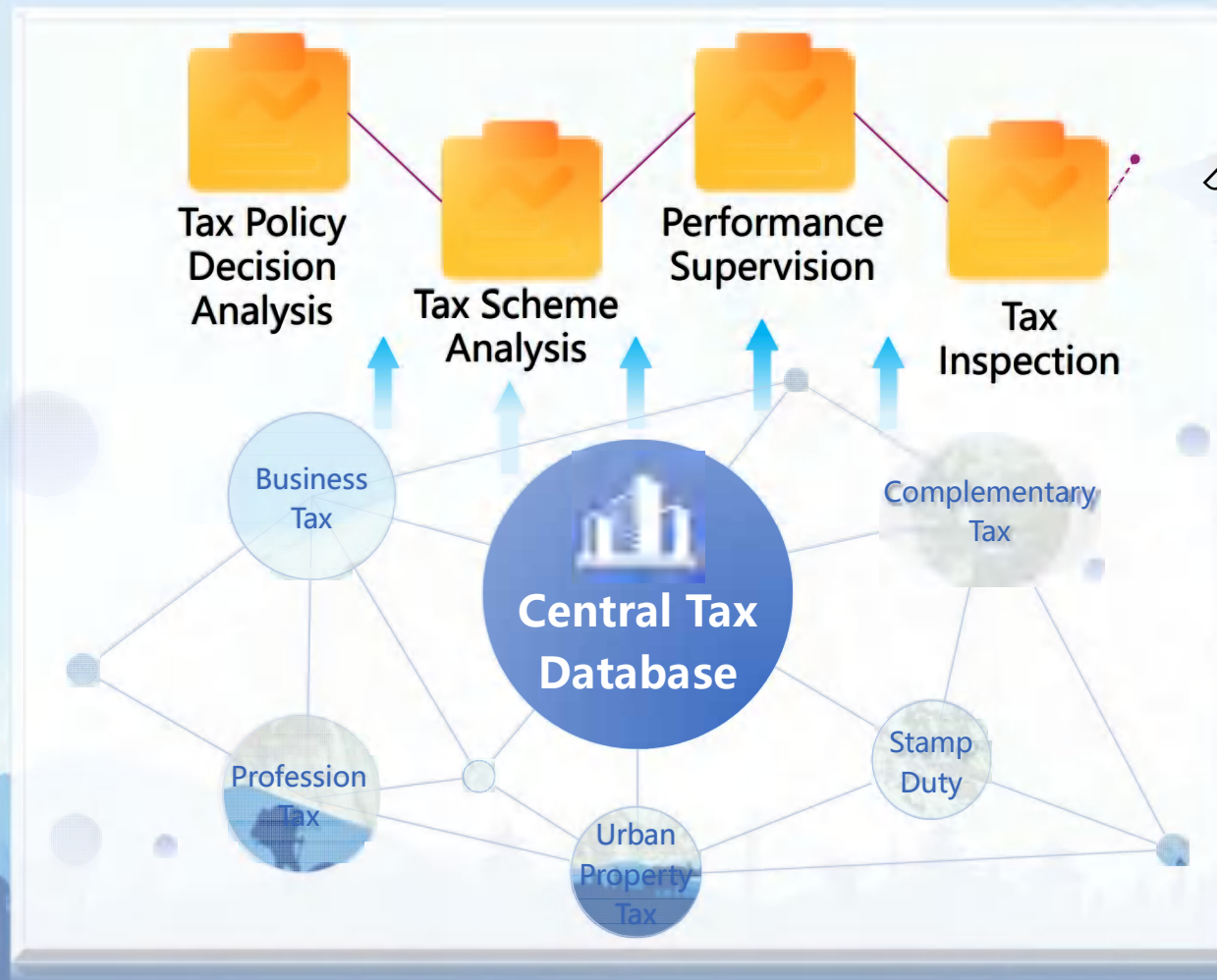
Verifying
Auditing

.....

**Tax Officials of the Finance Bureau Collects Utilizing Data
from Other Government Departments**

- Government licences, permits, or registration
- The business status of a company
- Comparing data on employee earnings and business costs
-

Big Data Analytics for Decision Support



Decision Support



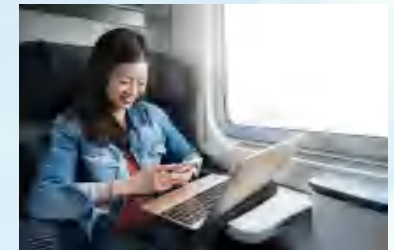
Decision-Makers

- Policy Formulation
- Risk Control
- Operational Guidelines
-

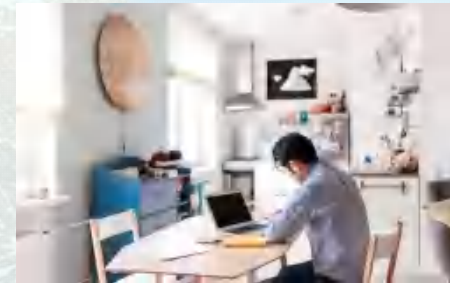
Tax Services Anytime, Anywhere



In Office



During a trip



At Home

Thank you

