EPTLS

AA012345AA

ELECTRONIC PRODUCT TAG AND LABELING SCHEME

FOR

BUILDING PRODUCTS

EPTLS
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Electronic
Product
Tag
Labeling
Scheme

Stechz
Innovation & Engineering

EPTLS

Powered by Stechz Innovation and Engineering Limited to provide an independent, secure and reliable Third Party Web-based Electronic Portal for identifying and tracing products from factory to final destination of usage.

- Secure electronic portal in the public domain for access by users
- ISO/IEC Guide 65 compliance
- Real time authentication via web-based authentication platform
- Minimal user input in product authentication
- No Costly user IT equipment installation
- Cost effective and timely support by the Operator

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How EPTLS Works

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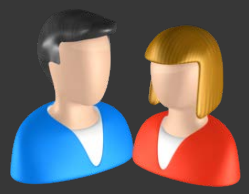
EPTLS Operator and Participants

Operator

- Stechz Innovation and Engineering Limited
- Service provider of EPTLS
- Supplier of electronic tags and labels



Participant

- Manufacturers/Suppliers
- User of electronic tags and labels
- Product data input to EPTLS database

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Minimal User IT Equipment

Smart phone

- QR codes on electronic labels

RFID hand-held reader

- RFID tags

Personal computer

- Accessing web-based EPTLS platform
- Data uploading and browsing

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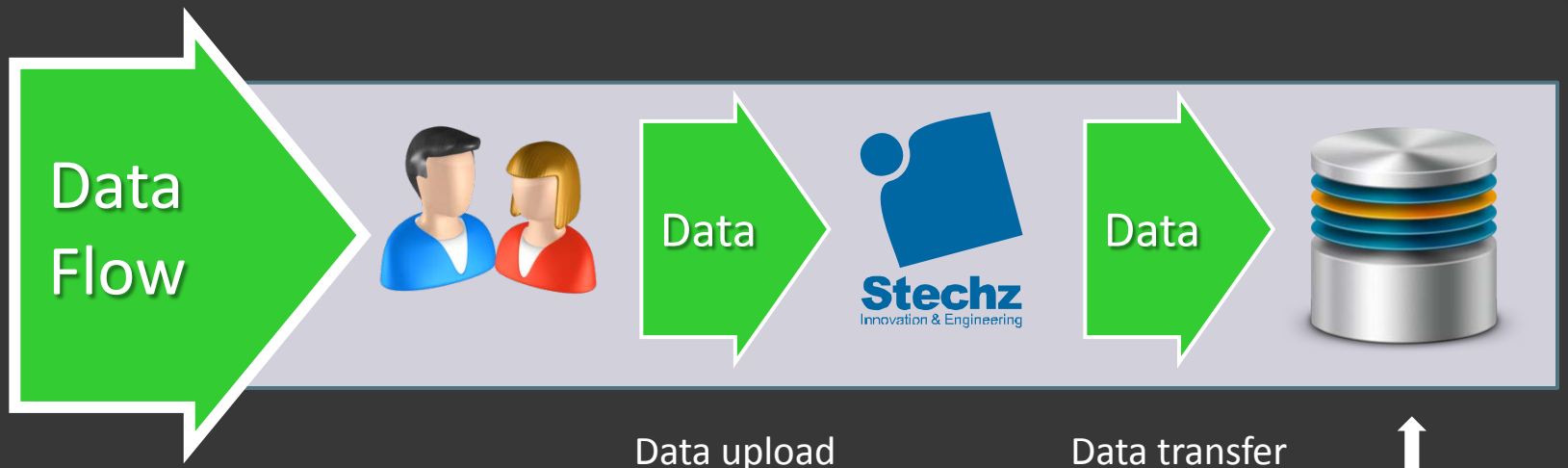
Data Flow



Data upload via web-based EPTLS platform

Data transfer to secure database

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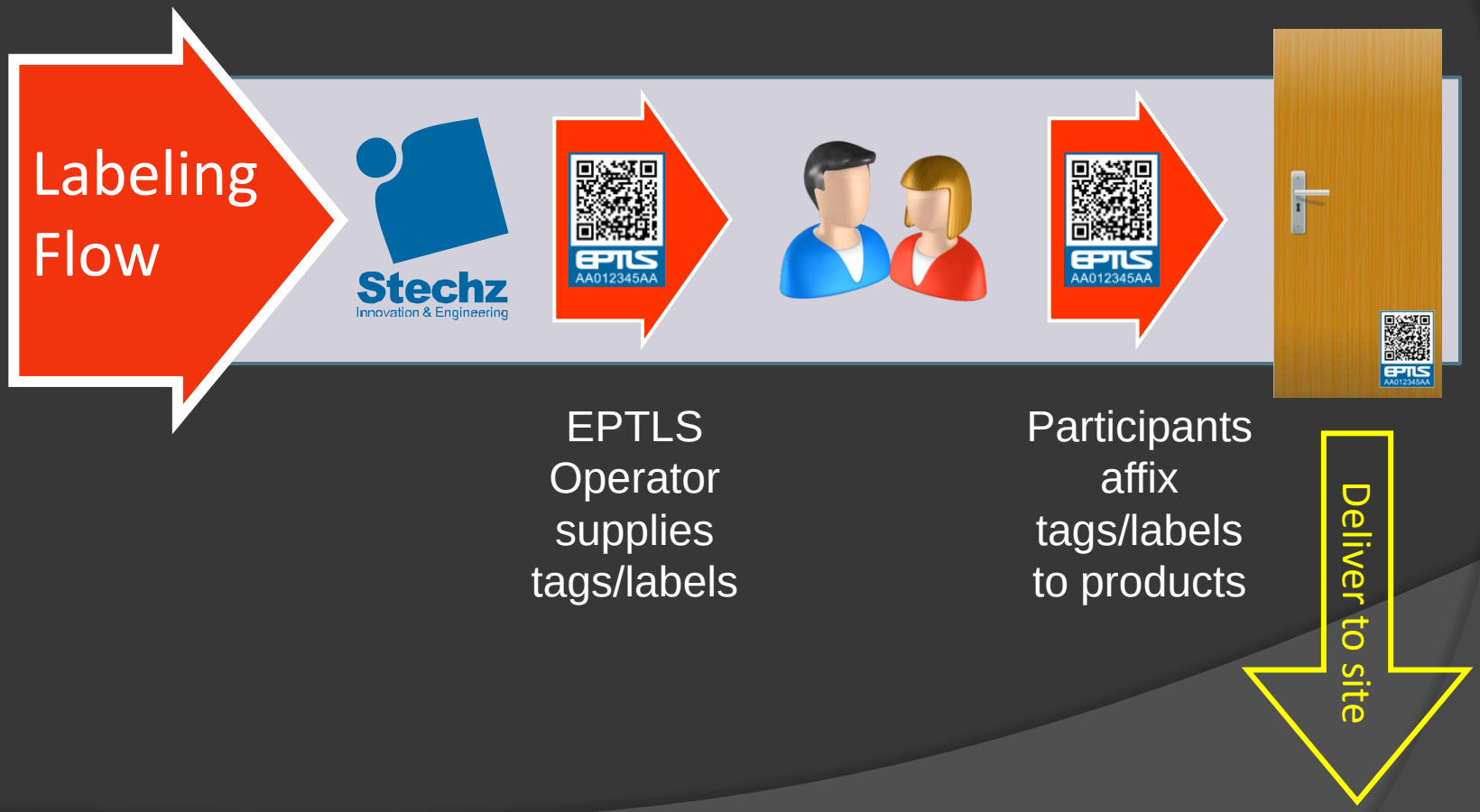
Labeling Flow



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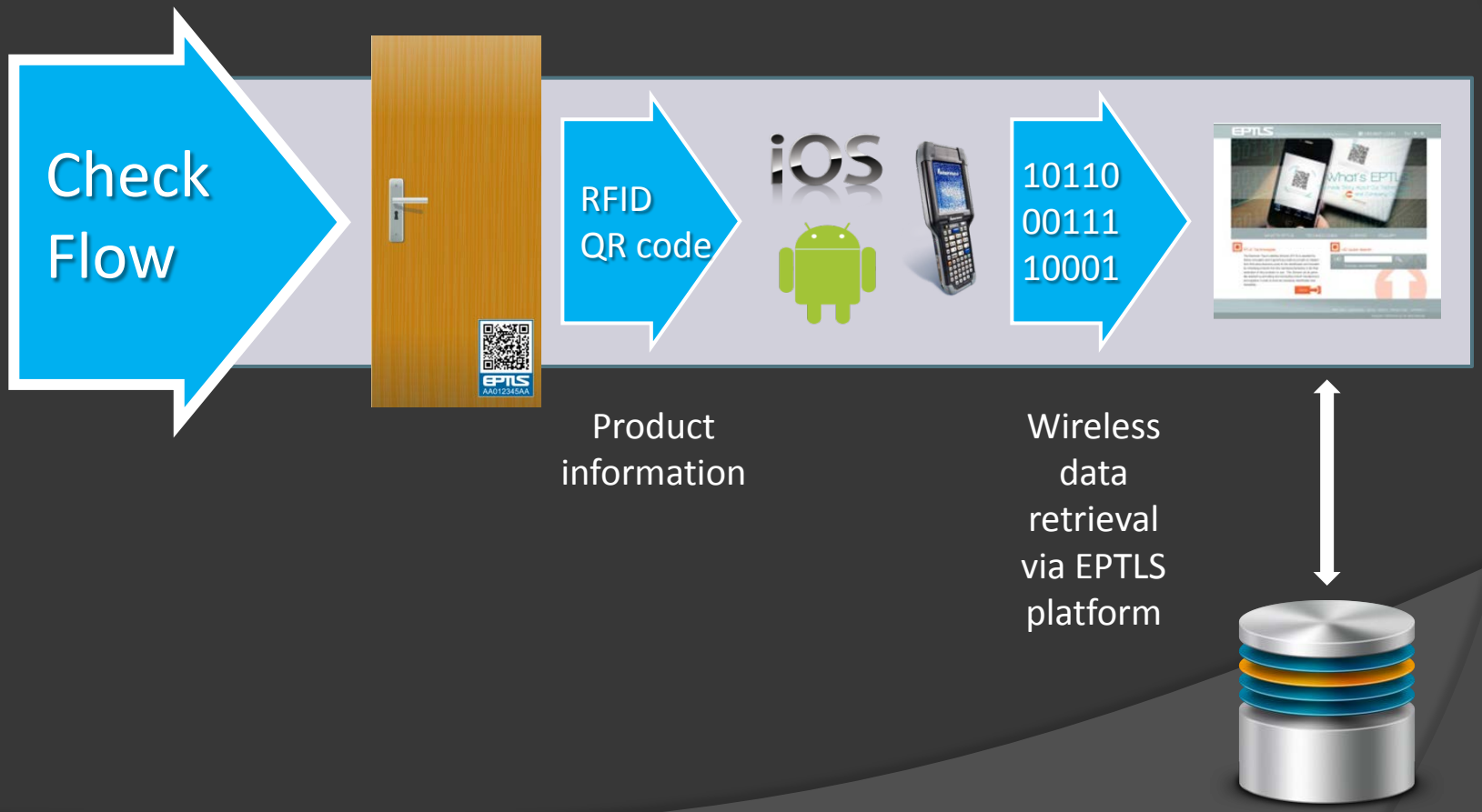
Check Flow



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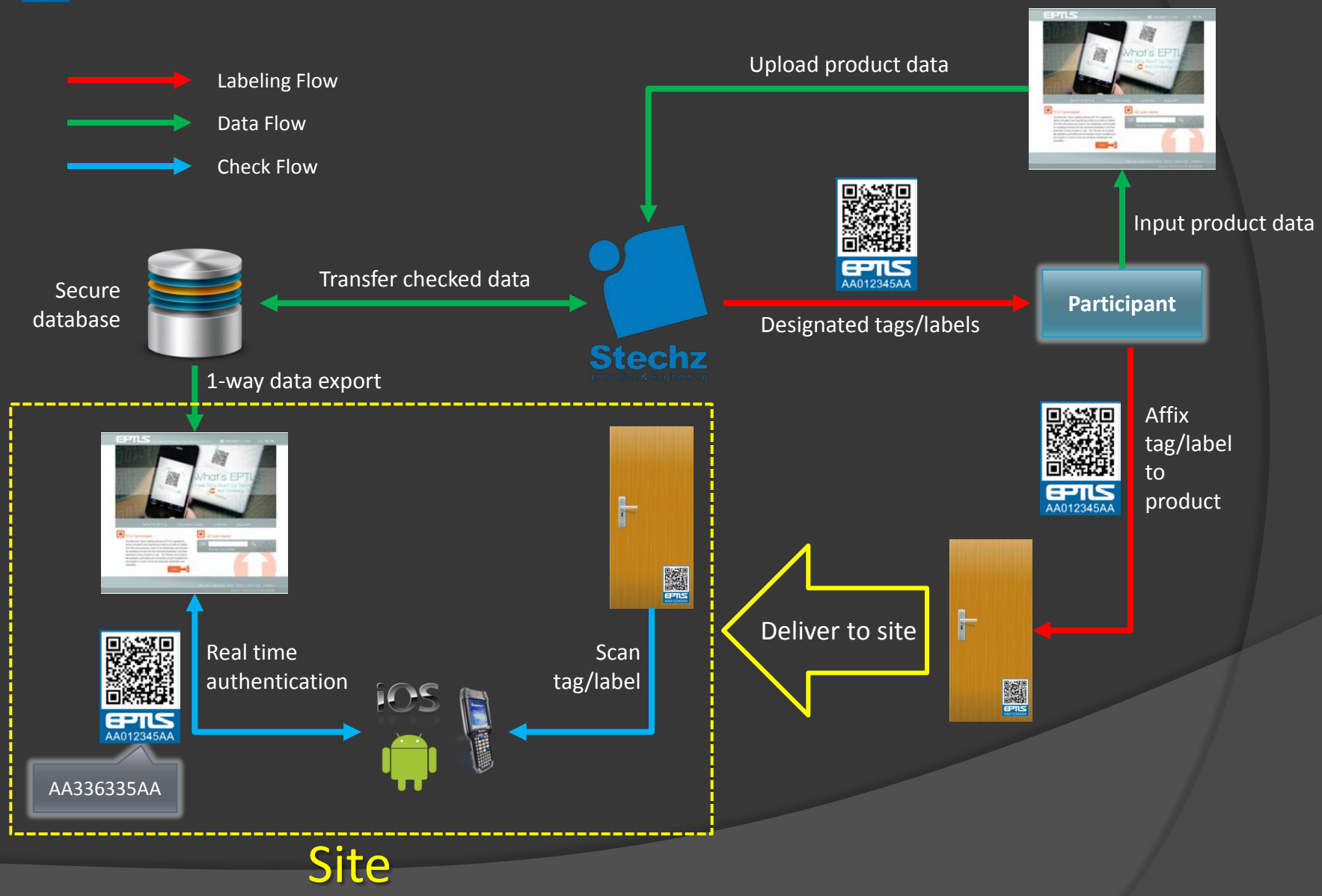
Labeling Flow
Data Flow
Check Flow
Upload product data
Input product data
Secure database
Transfer checked data
Stechz
Designated tags/labels
Participant
1-way data export
Affix tag/label to product
Deliver to site
Real time authentication
Scan tag/label
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Site

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EPTLS Database Record

- Brand name
- Product type
- Model and serial number
- Manufacturer’s address and place of origin
- Production date or production code
- Product certification under PCCS
- Accreditation under HKAS, IAS, UKAS etc
- Batch size, packing and yield
- Location of installation or utilization
- Manufacturer’s recommendations

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Web-based Authentication Platform

www.eptls.org

- Web-based
- Minimal hardware requirements
- Proprietary QR code algorithm
- Product data input template
- Batch upload for large amount data uploading
- Data integrity check filter

DATA MANAGEMENT PLATFORM PAGE

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Report Generator– generate excel report from the platform

User & Customer ID are shown

Manage My UIDs – Data Editing to each tags & labels

Change Password – change login password

Batch Upload – Upload your spreadsheet data to the platform

EPTLS WEB BASE PLATFORM

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Third Party Electronic Portal for Identification & Traceability

Member Login to EPTLS Platform

Input & Upload Data Platform

Product Data Quick Searching

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MEMBER LOGIN PAGE

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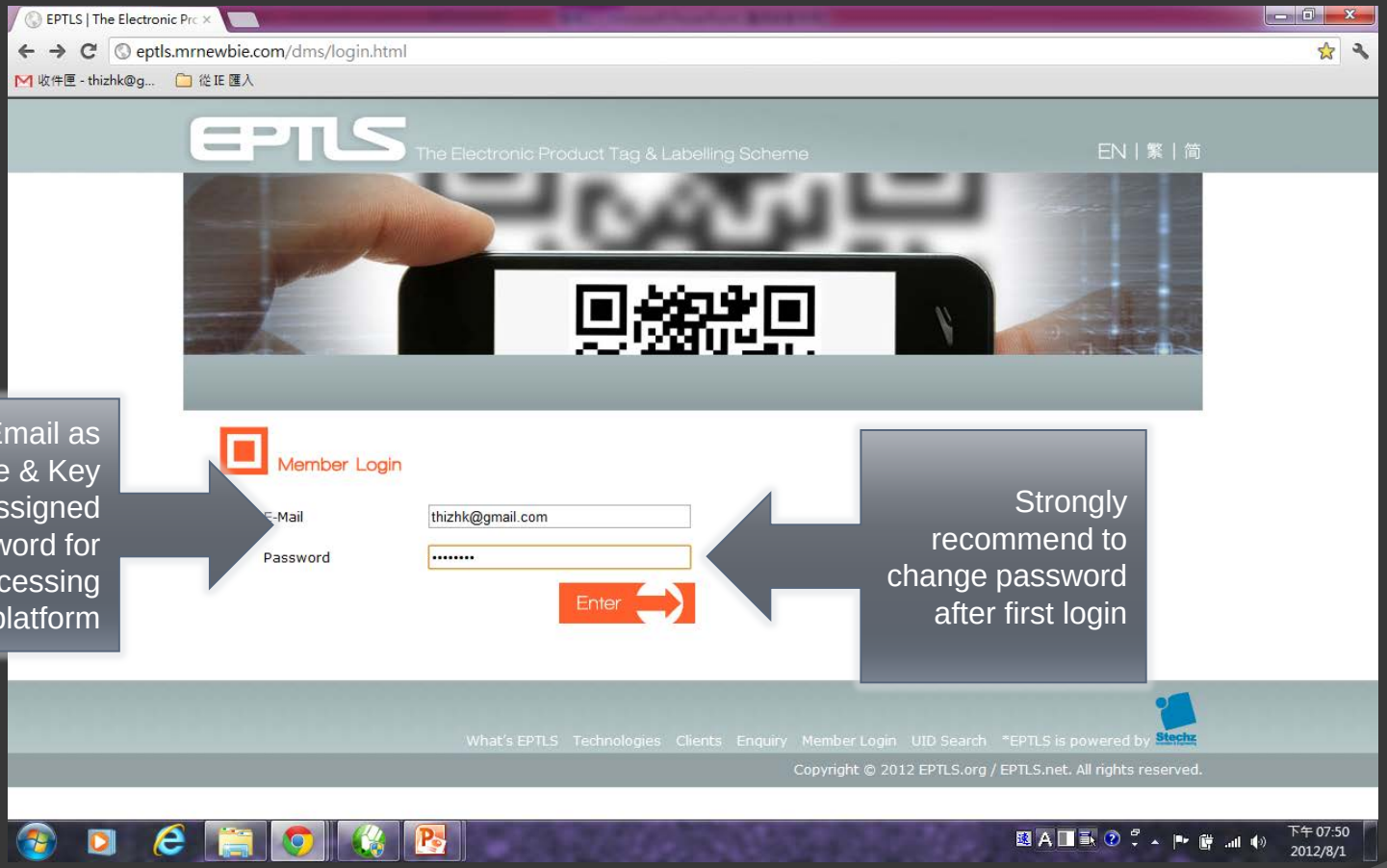

Email as username & Key in assigned password for accessing platform

Strongly recommend to change password after first login

DATA EDITING PAGE

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BATCH UPLOAD PAGE

Browse your excel spreadsheet & upload to the platform

REPORT GENERATION PAGE

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EPTLS Characteristics

- User friendly web-based platform
- Centralized third party electronic portal for integrity purpose
- Easy data editing for UIDs management
- Various data uploading mechanisms for minimizing workloads to the participants:
  - Batch Upload - Upload your spreadsheet data to the platform
  - Template Upload – edit data once as template & easy to do modifications to other UIDs
- Report generation can be used for data management & filing purpose

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Joining the Scheme

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Participation Prerequisites

- Manufacturers or Suppliers engaged in production or supply of building products are eligible Applicants
- An Applicant must operate a ISO 9001 quality management system or the equivalence
- An Applicant has to sign an agreement with EPTLS Operator on the terms and conditions on the use of electronic tags and/or labels

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Application Procedure

- Web-based application via www.eptls.org
- An Applicant shall have relevant quality documents ready for assessment
- EPTLS Operator will visit the Applicant within 5 working days to assess the quality documents
- An Applicant becomes a Participant upon successful assessment of quality documents
- Official letter of Participation shall be issued to Participant as a proof of participation under EPTLS
- Participant shall be entitled to use the EPTLS logo as a Participation Mark

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Participants' Obligations

- Annual fees of $2,500 for maintenance of EPTLS
- Cost for electronic tags/labels and dedicated readers
- Nomination of a Scheme Representative for smooth running of EPTLS
- Input of product data pertaining to effective operation of EPTLS
- Product data accuracy
- Other necessary cost or additional service cost as agreed between Participant and EPTLS Operator

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Data Confidentiality

- EPTLS Operator shall not disclose any information or records collected from or pertaining to EPTLS Participants without written consent from Participants
- All data, records, information and documents collected from the Participants under EPTLS are properties of the Participants
- EPTLS Operator shall ensure the security and confidentiality of all data, records, information and documents collected from Participants
- All data, records, information and documents collected from the Participants under EPTLS do not be disclosed unless written authorization has been given by the Participants

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System Support

- Phone support during office hours
- Unlimited email support
- Real time system assistance
- Real time data backup
- Optional premium support plan
- Optional data backup copy on removable media

Be Authentic
TAG & LABEL by Electronic Means

Powered By:

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