

INFORMATION BOOKLET

HYBRID PRODUCT CERTIFICATION,
LABELLING AND IMPORTATION

2023

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CONTENT

| NO. | ITEM | PAGE |
|-----|---|-------|
| 1. | Introduction | 3 |
| 2. | List of Hybrid Products That Requires Type Approval to Manufacture, Import or Sell and Their Applicable Communication, EMC, Safety, SAR Standards and Tariff Codes. | 3 |
| 3. | Type Approval for Hybrid Product | 3-5 |
| 4. | Scheme Rules for Certification of Hybrid Product | 6-9 |
| 5. | Self-Labeling Program (SLP) | 9 |
| 6. | Importation Process for Hybrid Product | 10 |
| 7. | Annex 1 General Process Flow For Hybrid Product Certification | 11 |
| 8. | Annex 2 Possible Scheme Rule per Industrial Sector | 12-15 |
| 9. | Annex 3 Certification Mark And Examples of SLP | 16-17 |

**INFORMATION BOOKLET FOR TYPE APPROVAL OF COMMUNICATION AND MULTIMEDIA PRODUCT
(HYBRID PRODUCT)**

1. INTRODUCTION

Definition of Hybrid Product:

Product with multiple features that is subjected to multiple regulations and requirements. It covers a range of apparatus or equipment but not exhausted to electrical appliances, computer products, medical devices and toys which are integrated with communications module for connecting to public communications network or for radiocommunications utilizing the frequency band from up to 420 THz.

2. LIST OF HYBRID PRODUCTS THAT REQUIRES TYPE APPROVAL TO MANUFACTURE, IMPORT OR SELL AND THEIR APPLICABLE COMMUNICATION, SAFETY, SAR STANDARDS AND TARIFF CODES.

- 2.1 Any hybrid products which are integrated with a communications module for connecting to a public communications network or for radio communications utilizing the frequency band up to 420 THz should obtain Type Approval pursuant to the Communications and Multimedia Act (CMA) 1998, Communication and Multimedia (Technical Standards) Regulations 2000.
- 2.2 The determination of Tariff Code of the products shall be referred to Royal Malaysia Customs Department, Technical Services Division (Classification, Tariff and Drafting) in accordance to the latest Customs Prohibition of Import Order.

For general process flow for hybrid product certification, please refer to Annex 1.

3. TYPE APPROVAL FOR HYBRID PRODUCT

- 3.1 General processes and requirements for certification are defined in Certification Requirements for Compliance Approval (Type Approval) of Communication, Multimedia and Hybrid Equipment [eTAC/DOC/01-1.1].

The application for Type Approval shall be made at the online certification website, e-ComM (<https://ecomm.sirim.my>).

- 3.2 Method of Approval :

- a) Module Approval
- b) End Product (Host) Approval
- c) Complete System Approval

- 3.3 Module Approval

- 3.3.1 Type approval is applied for wireless / wired communication module or interface card only. The module or interface card shall not be able to operate or function without being installed into an end product (host).

Example: WWAN Interface module, WLAN module, Bluetooth module, Facsimile interface card and etc.

- 3.3.2 The applicant shall submit the application for wireless/wired communication module or interface card approval with the followings:
- i. Product Specification for module or interface card;
 - ii. Test report for wireless or telephony features;
 - iii. Fee: according to features as per specified in Certification Fees [eTAC/DOC/01-2]

The detailed process is as per described in [eTAC/DOC/01-1.1] and is also presented in Annex C.

3.4 End Product (Host) Approval

- 3.4.1 Type approval is applied for the end product by adding communication interface module or card which has obtained Type Approval with the condition that the Certificate of Conformity (CoC) is valid and belongs to the same certificate holder.

Example: Air Conditioner (with WLAN), Vehicle (with immobilizer, wireless audio system, keyless entry system), Remote Control Toys (RC Car, Unmanned Aerial Vehicle), Medical Imaging System (with WLAN) etc.

- 3.4.2 The Certificate Holder shall submit the application for end product with the addition of module or card approval with the followings:
- i. Brochure with Product Specification for end product;
 - ii. User manual;
 - iii. Brand declaration;
 - iv. Test report for safety, EMC, SAR or radiation hazards whichever applicable;
 - v. Fees: RM 450.00 per application (if not subjected to clause 3.4.3)

Detailed process is as per described in [eTAC/DOC/01-1.1] – Annex E.

- 3.4.3 Each end product (host) (CoC owned by the same Certificate Holder) shall comply with safety, electromagnetic compatibility (EMC) and Specific Absorption Rate (SAR) or radiation hazards requirement, where applicable according to the latest MCMC Technical Code/Specification and shall be subjected to respective evaluation fees.

Note : MCMC Technical Code is accessible at
<http://www.skmm.gov.my/Legal/Register/CMARegisters.aspx>

3.5 Complete System Approval

- 3.5.1 a) Type approval is applied for complete system by adding module or end product TAC or combination of both which has obtained Type Approval with the condition that all related Certificate of Conformity (CoC) is valid at all time and belongs to the same or different certificate holder.

b) Type approval is applied for complete system by adding module or end product TAC which has or yet to obtained Type Approval with the condition that all related Certificate of Conformity (CoC) is valid at all times and belongs to the same or different certificate holder.

Example: Vehicle (with immobilizer, wireless audio system, keyless entry system), Medical Imaging System (with WLAN), Audio Video System

- 3.5.2 The Certificate Holder shall submit the application for end product/complete system with the addition of module or end product or feature approval with the followings:
- i. Brochure with Product Specification for end product/complete system;
 - ii. User manual for end product/complete system;
 - iii. Brand declaration for end product/complete system;
 - iv. Test report for communication, safety, EMC, SAR or radiation hazards whichever applicable;
 - v. Authorization Letter from the other Certificate Holder, for cases of different certificate holder;
 - vi. Declaration letter from principal of end product to justify the combinations of TAC from the same or different certificate holders are compatible or able to be fitted inside the complete system;
 - vii. Fees: RM 450.00 per application (if not subjected to clause 3.5.3) ;
 - viii. Additional Fees: RM 300.00 per CoC, for cases of different certificate holder; (if applicable);
 - ix. Additional Fees for product with no approval (if applicable): According to features as per specified in Certification Fees [eTAC/DOC/01-2].

Detailed process is as per described in [eTAC/DOC/01-1.1] – Annex E.

- 3.5.3 Each complete system approval shall comply with safety, electromagnetic compatibility (EMC) and Specific Absorption Rate (SAR) or radiation hazards requirement, where applicable according to the latest MCMC Technical Code/Specification and shall be subjected to respective evaluation fees.

Note : MCMC Technical Code is accessible at
<http://www.skmm.gov.my/Legal/Register/CMARegisters.aspx>

Scheme rules for certification of hybrid product is as per clause 4 and possible scheme rule per industrial sector as illustrated in Annex 2.

4. SCHEME RULES FOR CERTIFICATION OF HYBRID PRODUCT

4.1 Scheme Rule 1

- For this scheme, each feature of a Complete System is Type Approved individually.
- Applicant will obtain individual TAC (owned by the same certificate holder) for each feature.
- Then, a subsequent Type Approval application is made under the model name of the Complete System, combining all of the individual TACs.
- Declaration letter from principal of end product is required to justify the combinations of TAC from different certificate holders are compatible or able to be fitted inside the complete system.

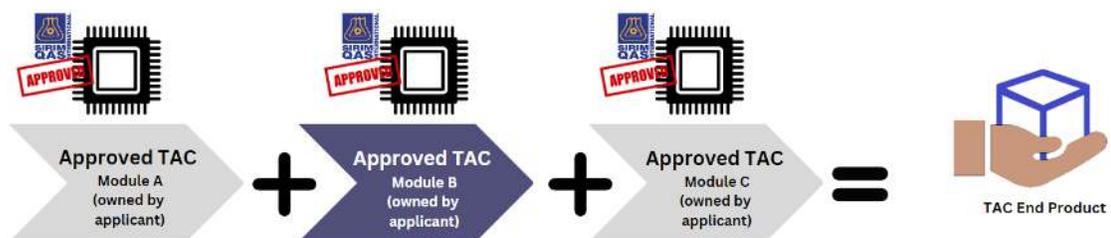
Example of Model Description: Complete System D [Keyless Entry System A][Wireless Active Subwoofer B][Wireless Remote Control C]



4.2 Scheme Rule 2

- For this scheme, each wireless / wired communication module or interface card of a product that is Type Approved based on Module Approval method.
- Applicant will obtain individual TAC (own by the same certificate holder) for each wireless / wired communication module, interface card or feature.
- Then, a subsequent Type Approval application is made under the model name of the End Product, combining all of the individual TACs.

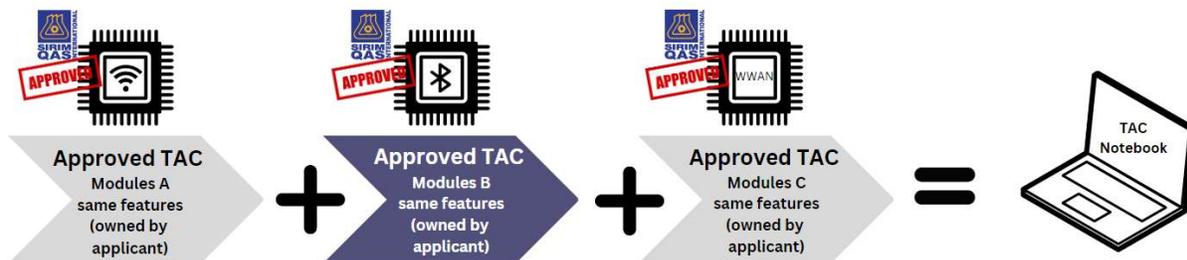
Example of Model Description: End Product D [WLAN Module: A][Bluetooth Module: B] [GSM Data Module: C]



4.3 Scheme Rule 3

- This scheme is intended for products that uses multiple models of the same function for wireless / wired communication module or interface card.
- Applicability only for Notebook, Desktop PC, Tablet PC and Computer Server.
- For this scheme, each wireless / wired communication module or interface card is being Type Approved individually and already obtained individual TAC.
- Then, a subsequent Type Approval application is made under the model name of the End Product, combining all of the individual TACs (own by the same certificate holder).

Example of Model Description: Notebook J[WLAN Module: A, B, C][WWAN Module: D, E][Bluetooth Module: F, G, H]



Note: For tablet certification, this scheme rule shall only be applicable starting from 1st October 2015 onwards and is subjected to design and maturity of the product.

4.4 Scheme Rule 4

Applicable for DVB-T2 service receiver e.g. Integrated Digital Television (iDTV) and set top box.

- For this scheme, applicant is required to conduct full test of digital receiver feature using the common Malaysian test suite based on its chassis model.
- Then, Type Approval application is made under the specific model name of each End Product.
- Type Approval application may be subjected to Verification Test at SIRIM QAS International laboratory based on the information in Product Declaration document submitted by applicant.



4.5 Scheme Rule 5

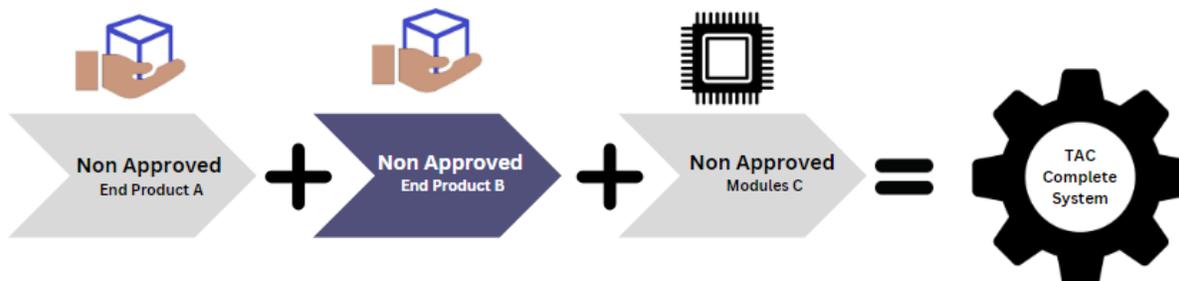
- For this scheme, each feature of a Complete System is Type Approved individually.
- Applicant will obtain individual TAC (owned by the same or different certificate holder) for each feature.
- Then, a subsequent Type Approval application is made under the model name of the Complete System, combining all of the new features.
- Authorization letter from the owner of the CoC is required, for cases of different Certificate Holders.
- Declaration letter from principal of end product is required to justify the combinations of TAC from different certificate holders are compatible or able to be fitted inside the complete system.



4.6 Scheme Rule 6

- For this scheme, each feature of a Complete System may consist of combination of end product or module without existing TAC.
- Then, a subsequent Type Approval application is made under the model name of the Complete System, combining all of the new features.
- Type approval is applied for complete system by combining features that is yet to obtain Type Approval.

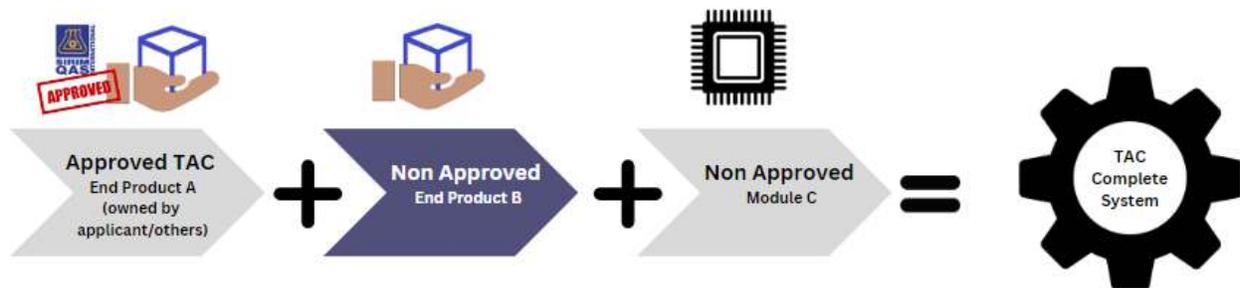
Example of Model Description: Complete System D [Traditional Roll-Around Cart A][Wireless ECG B] [Wireless SpO2 C].



4.7 Scheme Rule 7

- For this scheme, each feature of a Complete System can be approved or non approved.
- Then, a subsequent Type Approval application is made under the model name of the Complete System, combining all of the individual TACs or non approved module/component provided all TACs are valid at all time.
- The individual TACs may be a combination of CoC belongs to the same or different Certificate Holders.
- Authorization letter from the owner of the CoC is required, for cases of different Certificate Holders
- Declaration letter from principal of end product is required to justify the combinations of TAC from different certificate holders are compatible or able to be fitted inside the complete system

Example of Model Description: Complete System D [Traditional Roll-Around Cart A][Wireless ECG B] [Wireless SpO²C



5. SELF LABELLING PROGRAM (SLP)

- 5.1 SLP is a Self-Labeling Program for certified communication products whereby Certificate Holder or Principal self-label their certified products according to MCMC's Guideline on Certification Mark for Self-Labeling (SL) and SIRIM QAS International procedures.

SL consists of certification mark that carry information of the certified product and shall be associated with certificate holder, manufacturer, and principal, which are the same with the ones submitted for Type Approval.

- 5.2 All certified communication and multimedia products shall bear certification mark.
- 5.3 Please refer to MCMC's Guideline on Certification Mark for Self-Labeling (SL) and SIRIM QAS International procedures for more information on Self-Labeling program.

The design of the Certification Mark or Label to be used under Self-Labeling Program (SLP) can be referred to in Annex 3.

- 5.4 SL for hybrid product is allowed to be affixed on the end product or system based on type approval certificate. Registration of product serial number or IMEI number shall be based on the end product or system, whichever applicable.

6. IMPORTATION PROCESS FOR HYBRID PRODUCT

- 6.1 An import permit is a mandatory requirement for importing communications equipment into Malaysia under The Customs (Prohibition of Imports) Order. It is applicable to a supplier or individual who imports communications equipment either as a complete set, parts and/or accessories either for local sales or manufacturing or assembling or repairing or personal use.
- 6.2 SIRIM QAS International was appointed by the Royal Customs of Malaysia on 12 April 1999 to manage the processing and approval of import permit for communications equipment. The issuance of import permit is subject to compliance with the Type Approval or Special Approval specified by MCMC.
- 6.3 The import permit for hybrid product shall be accompanied with a certificate of approval (CoA) issued by SIRIM as Cross Border Regulatory Agency (CBRA) and other relevant CBRAs and shall comply with certification requirement in accordance to any other relevant act or regulations, its subsidiary legislations, statutory requirements and established rule and procedures.

Example :

Tariff Code for SIRIM: 8517.62.530

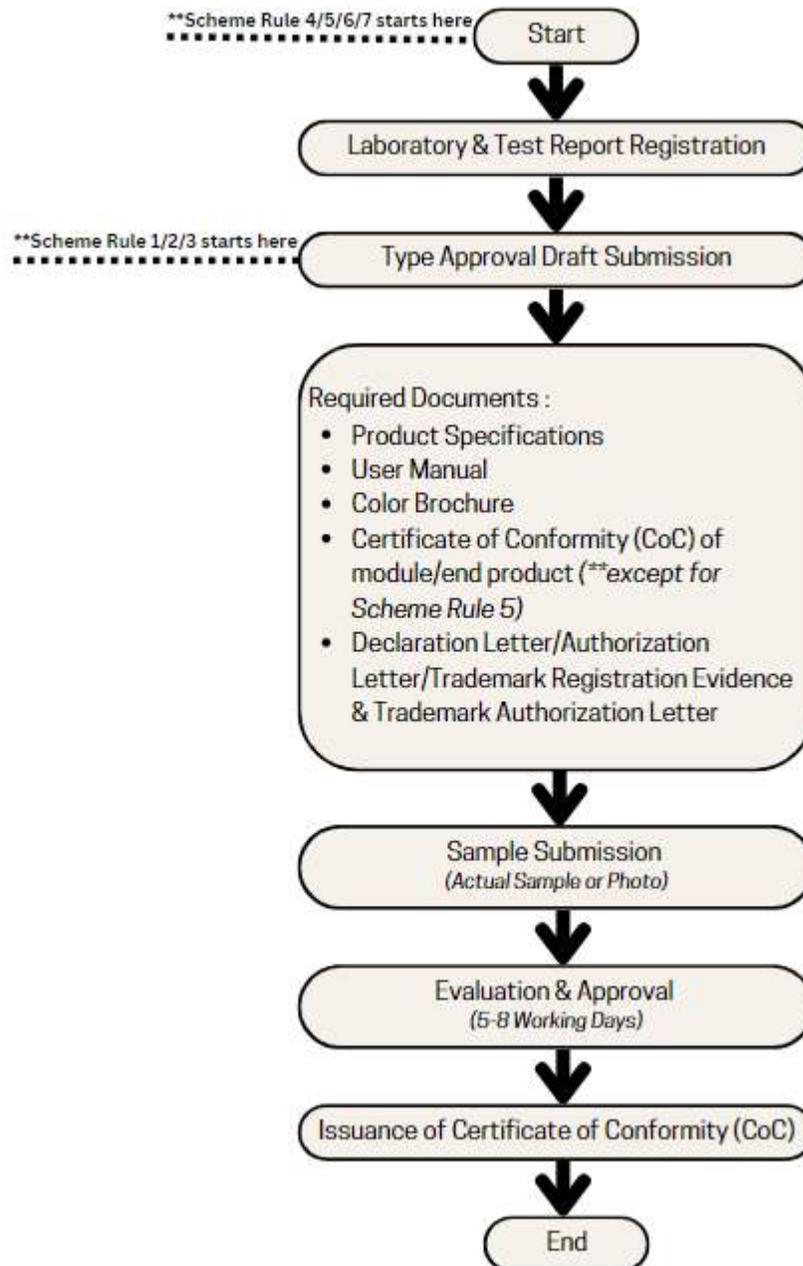
Tariff Code for Other Agency: 8528.73.000

- 6.4 Import permit application is made through e-Permit system. E-Permit is a web-based permit application system and is accessible at <http://epermit.dagangnet.com> .
- 6.5 Import Permit Fees

| NO. | DESCRIPTION | FEES |
|-----|--|-----------|
| 1. | Registration Fee for E-Permit System (one time) | RM 100.00 |
| 2. | Stamp Duty Fee (one time) | RM 10.00 |
| 3. | Application Fee per approved e-permit (for Registered E-Permit User) | RM 20.00 |
| 4. | Application Fee per e-permit (for Non-registered E-Permit User (Walk-in Customer) | RM 25.00 |
| 5. | Admin Fee per e-permit (for Non-Registered E-Permit User) Note: Subsequent e-permit will be charged RM 5.00 for maximum 10 e-permits. | RM 10.00 |

The fees, sum or charges under this contract are exclusive of Malaysian sales tax, service tax and/or any other taxes that may be introduced by the Government of Malaysia from time to time, including the Goods and Services Tax (GST).

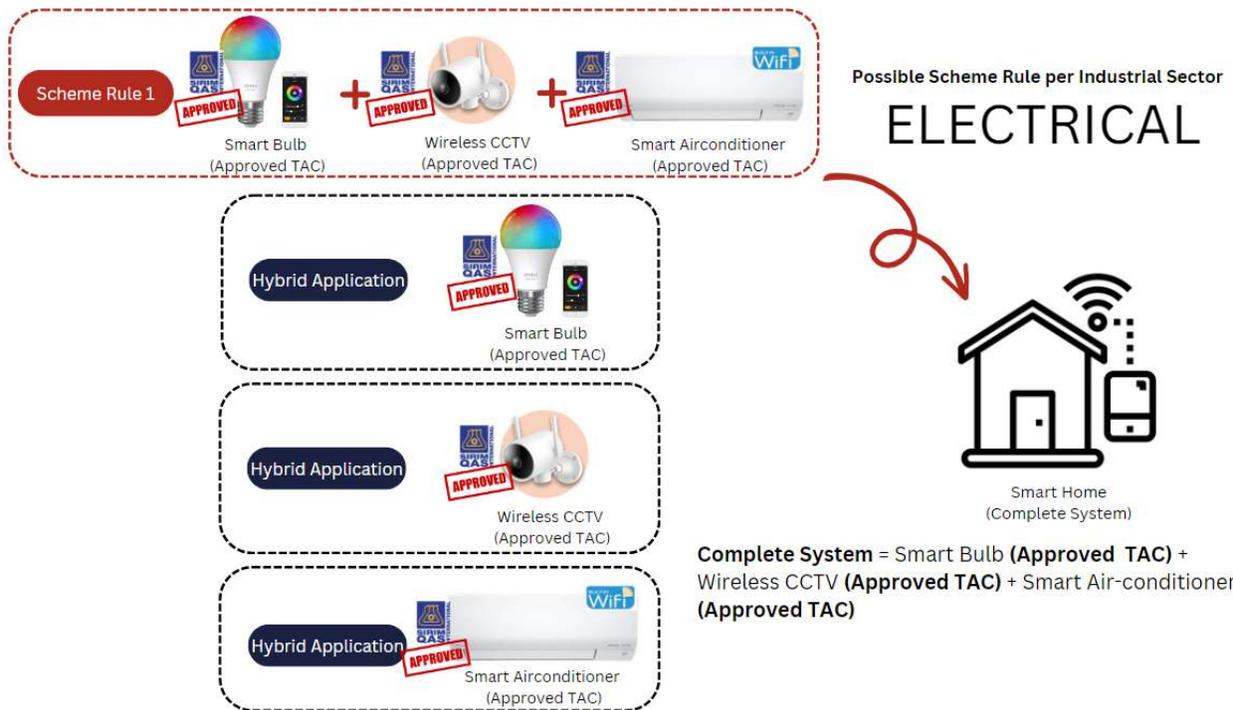
GENERAL PROCESS FLOW FOR HYBRID PRODUCT CERTIFICATION

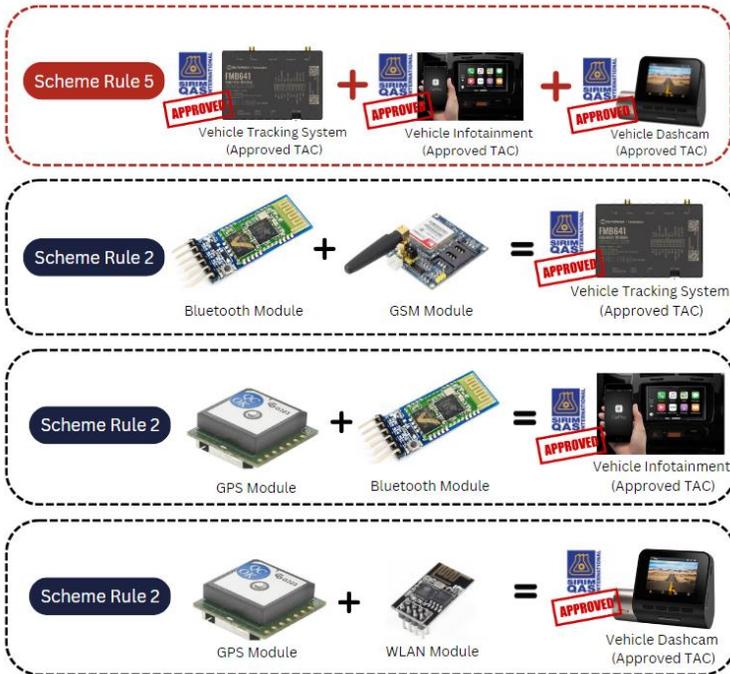


ANNEX 2

POSSIBLE SCHEME RULE PER INDUSTRIAL SECTOR

| Suitable Scheme Rule per Industrial Sector | Electrical | Automotive | Aeronautical | Notebook | ICT | Wearables | Medical | Toys | DTTV |
|---|------------|------------|--------------|----------|-----|-----------|---------|------|------|
| Scheme Rule 1 Complete System Approval (Owned TAC for End Products) | ✓ | ✓ | ✓ | | ✓ | | ✓ | | |
| Scheme Rule 2 End Product Approval (Owned TAC for Modules) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| Scheme Rule 3 End Product Approval (Owned TAC for Multiple Modules) Exclusive for Notebook | | | | ✓ | | | | | |
| Scheme Rule 4 Exclusive for DTTV | | | | | | | | | ✓ |
| Scheme Rule 5 Complete System Approval (Owned or different TAC for End Products) | ✓ | ✓ | ✓ | | ✓ | | ✓ | | |
| Scheme Rule 6 Complete System Approval (Combination End Product/Modules - non approved) | ✓ | ✓ | ✓ | | ✓ | | ✓ | | |
| Scheme Rule 7 Complete System Approval (Combination End Product/Modules - owned/different TAC/non approved) | ✓ | ✓ | ✓ | | ✓ | | ✓ | | |





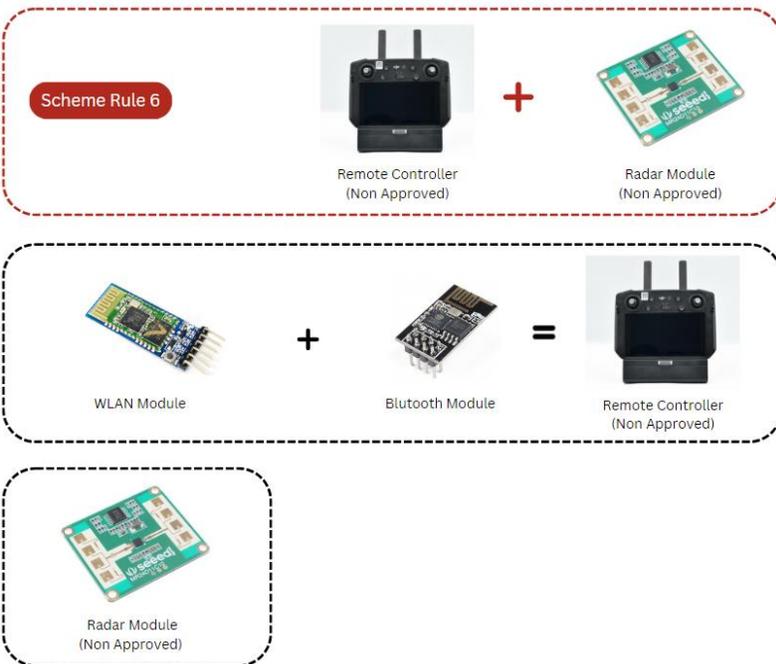
Possible Scheme Rule per Industrial Sector

AUTOMOTIVE



Smart Vehicle
(Complete System)

Complete System =
 Vehicle Tracking System (Approved TAC) +
 Vehicle Infotainment (Approved TAC) + Vehicle
 Dashcam (Approved TAC)

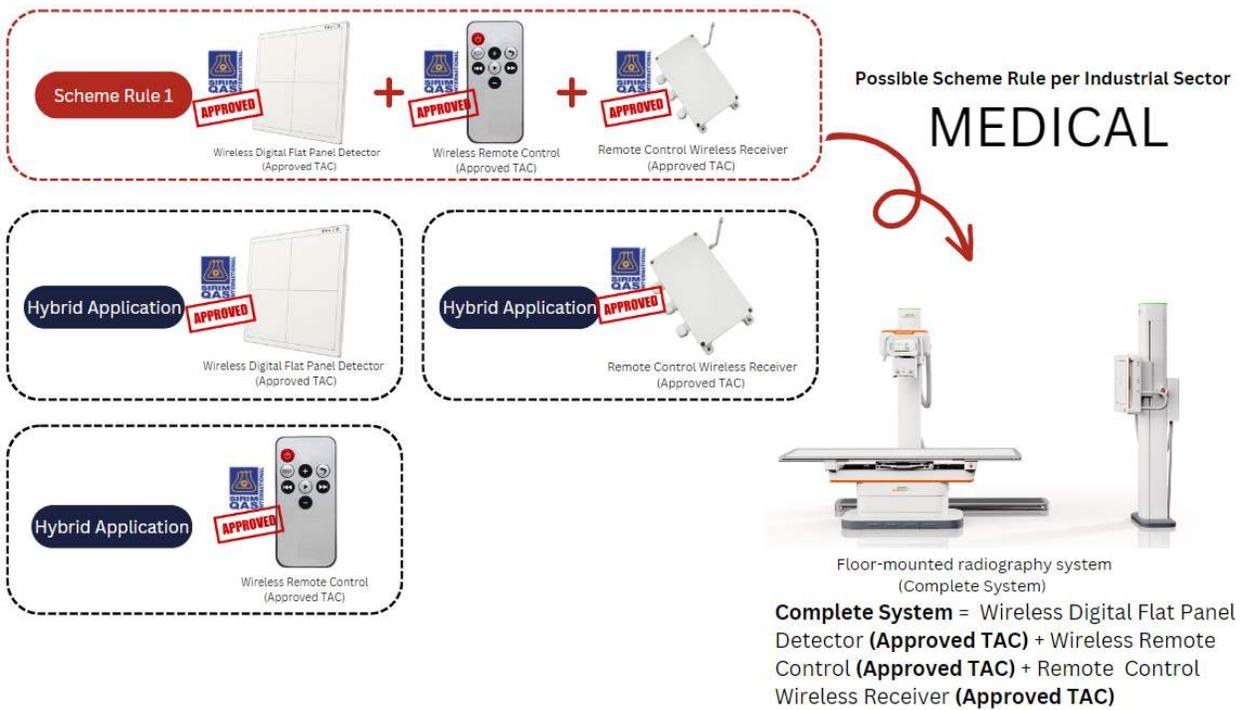
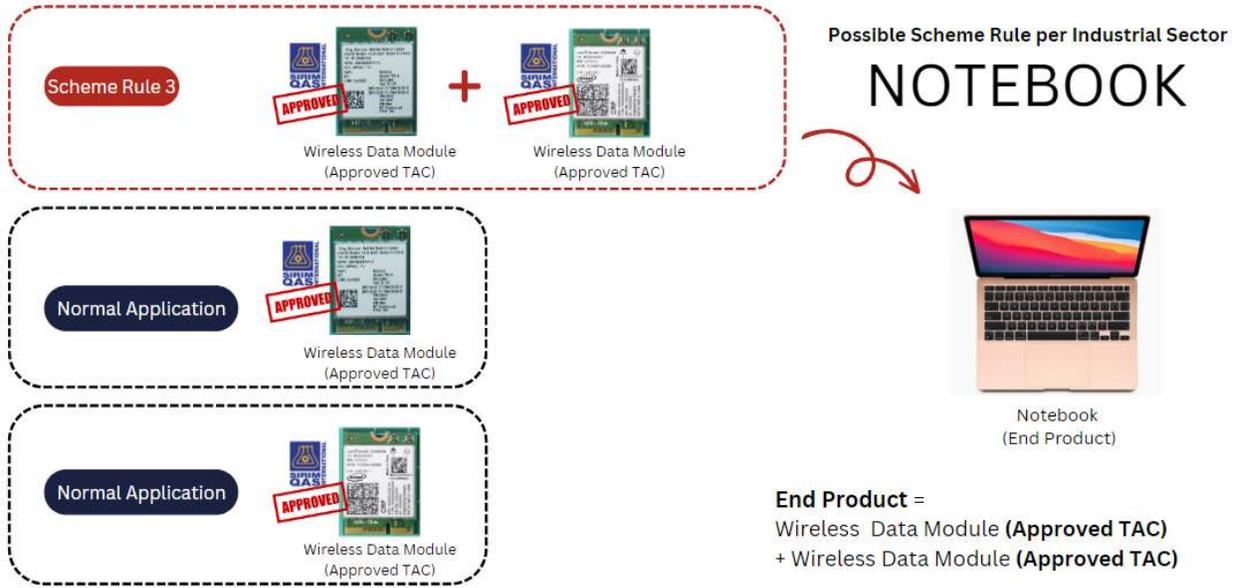


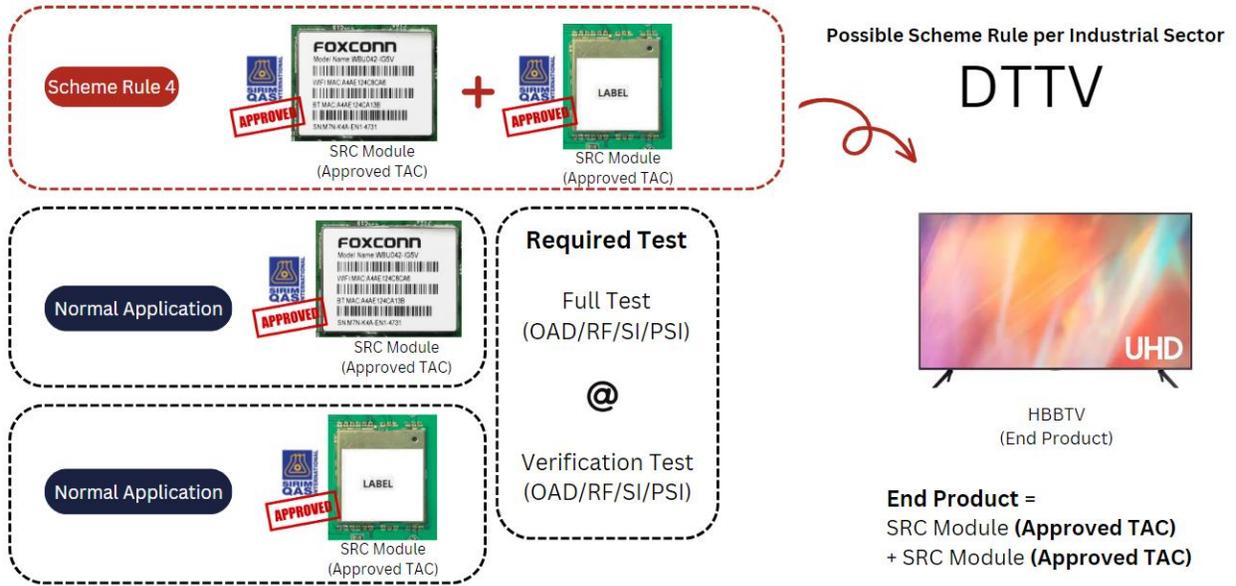
Possible Scheme Rule per Industrial Sector

AERONAUTICAL



Complete System =
 Remote Controller (Non Approved) +
 Radar Module (Non Approved)





CERTIFICATION MARK AND EXAMPLES OF SLP

**HIDF153456789**

| | |
|---------------|-----------------------|
| HID | Certificate Holder ID |
| F | Foreign Manufacturer |
| 15 | Year 2015 |
| 345678 | Running Number |

or

HIDM153456789

| | |
|---------------|-----------------------|
| HID | Certificate Holder ID |
| M | Local Manufacturer |
| 15 | Year 2015 |
| 345678 | Running Number |

Or

CIDF153456789

| | |
|---------------|------------------------|
| CID | Principal ID/Common ID |
| F | Foreign Manufacturer |
| 15 | Year 2015 |
| 345678 | Running Number |

Or

CIDM153456789

| | |
|---------------|------------------------|
| CID | Principal ID/Common ID |
| M | Local Manufacturer |
| 15 | Year 2015 |
| 345678 | Running Number |