IPv6
COMPLIANCE

Connecting the World with Assurance

Are you IPv6 ready?

As more connected devices transitioning to the new internet protocol, your IPv6-capable equipment must comply with the standards. SIRIM QAS International, your 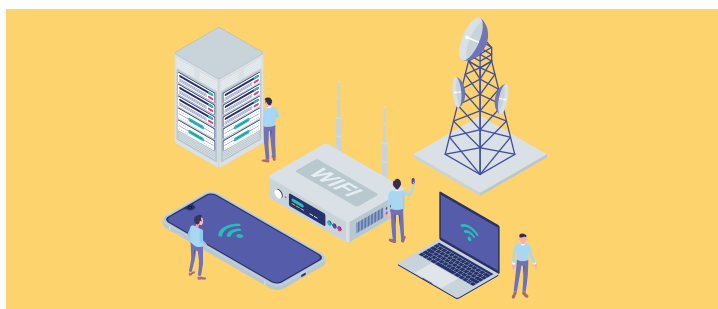trusted partner, can help you achieve that through the IPv6 Compliance Certification Program. Get certified, get on the market and gain the competitive edge today!

Make Your Move into the Future – IPv6 Compliance Certification Program

SIRIM QAS International stands ready to be your partner in penetrating this fast-growing market by certifying your IPv6-capable directly connected equipment to the service provider through the IPv6 Compliance Certification Program.

Starting 10 July 2020, all IPv6-capable, directly connected equipment to the service provider are required to be certified, as per mandated under the Malaysian Communications and Multimedia Commission's (MCMC) in Technical Code MCMC MTSFB TC T013:2019 Internet Protocol Version 6 (IPv6) – Equipment Compliance (First Revision).

This encompasses the following equipment categories – Terminals/Hosts (e.g. 3G/4G/5G Mobile Phones), Network Elements (e.g. Switching/Gateway Equipment) and Network Security Elements (e.g. Firewalls).

All tested equipment shall comply with the following requirements:
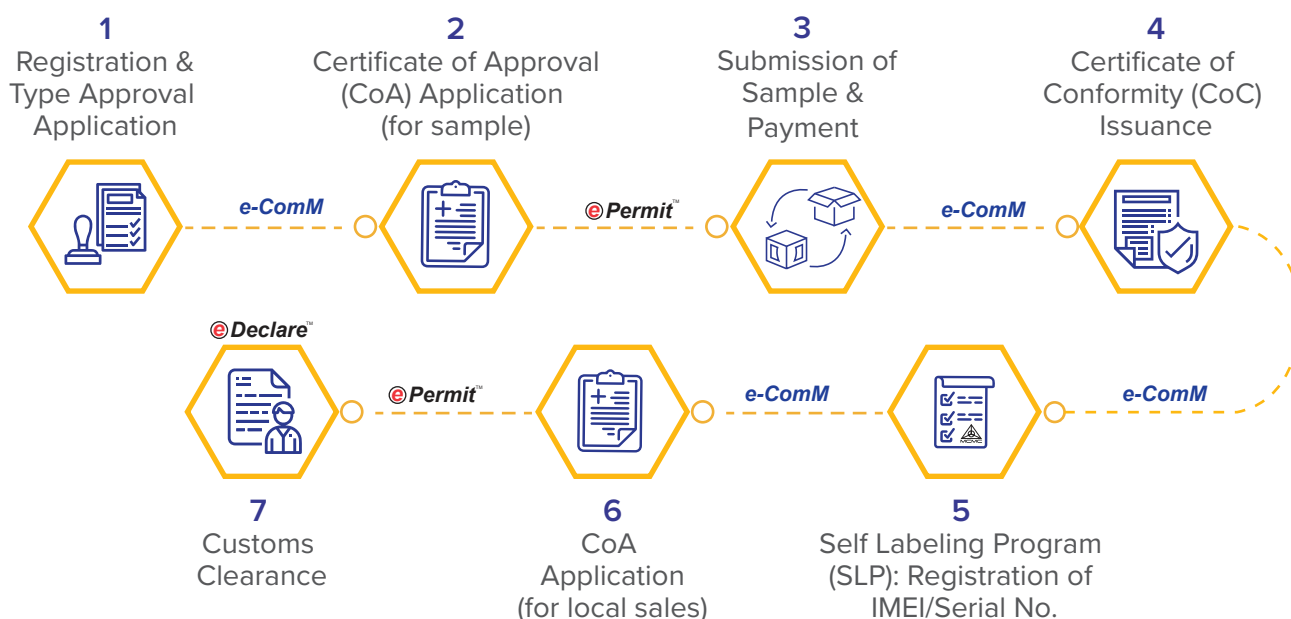
- General (power supply, power supply cords and plugs, electromagnetic compatibility, markings, language and electrical safety),

- IPv6 Compliance (5-core Request for Comments (RFCs) i.e. RFC 8200, RFC 4861, RFC 4862, RFC 8201, RFC 4443).

Once certified, the equipment will carry mandatory certification mark in accordance with the Communications and Multimedia (Technical Standards) Regulations 2000.

Why Get Certified

- Assures stakeholders that your equipment have been tested and certified, safe for use, properly functioning, and ready for import/sales in Malaysia.

- Enhances your brand's reputation as being a front runner in the manufacture/provision of IPv6-capable directly connected networking equipment.

- Penetrates both local and international markets with the certification mark acting as product compliance assurance and a guarantee of quality.

Certification Process

1
Registration &
Type Approval
Application

e-ComM

2
Certificate of Approval
(CoA) Application
(for sample)

e Permit™

3
Submission of
Sample &
Payment

e-ComM

4
Certificate of
Conformity (CoC)
Issuance

e Declare™

e Permit™

e-ComM

e-ComM

7
Customs
Clearance

6
CoA
Application
(for local sales)

5
Self Labeling Program
(SLP): Registration of
IMEI/Serial No.

SIRIM QAS - Your Partner for the Future

As an accredited Conformity Assessment Body, SIRIM QAS International has the technical expertise and wealth of experience to carry out testing and certification services on all communications, multimedia and hybrid products for both local and international clients.

Aside from being appointed as the Certifying Agency by MCMC for communication and multimedia products, our credentials include being accredited by the Department of Standards Malaysia to carry out the Product Certification Scheme under the MS ISO/IEC 17065 and Cross Border Regulatory Agencies (CBRA) to process and issue CoA for products clearance from the Royal Malaysian Customs.

IPv6 is the way of the future, and with our team of highly experienced and competence auditors, SIRIM QAS International can help you reap the fruits of tomorrow.

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