

INFORMATION AND COMMUNICATION TECHNOLOGIES AUTHORITY

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24 November 2017

THE TELECOMMUNICATION DIRECTIVE 2 OF 2017

The Information and Communication Technologies Authority, in the discharge of its statutory functions under the Information and Communication Technologies Act 2001 (the Act), and in addition to the obligations already specified in a Dealer's Licence, hereby issues the following Directive, pursuant to section 17(3) of the Act, combined with sections 16(c), 16(d), 18(1)(n), 18(1)(o), 18(1)(u), 24, 26(a) and 26(e) of the Act.

1. Short title

This Directive shall be cited as the Telecommunication Directive 2 of 2017 – (TD 2 of 2017).

2. Interpretation

"Bluetooth®" means a low-power wireless connectivity technology used to stream audio, transfer data and broadcast information between devices;

"Bluetooth® specifications" means the technology building blocks that developers use to create the interoperable devices that make up the thriving Bluetooth ecosystem (Bluetooth specifications are overseen by the Bluetooth Special Interest Group (SIG)¹ and are regularly updated and enhanced by Bluetooth SIG Working Groups to meet evolving technology and market needs);

"ETSI" means European Telecommunications Standards Institute;

"licensed dealer" means a person or an entity –

(a) engaged in activities such as importing, selling, exposing, offering for sale, hire and repair of telecommunication apparatus or device, or any of their spare parts; and

(b) holding a dealer's licence issued by the Authority;

"Wi-Fi" means Wi-Fi as any wireless local area network (WLAN) products that are based on the Institute of Electrical and Electronics

¹ The Bluetooth Special Interest Group (SIG), headquartered in Kirkland, Washington, USA, is the body that oversees the development of Bluetooth standards and the licensing of the Bluetooth technologies and trademarks to manufacturers.

Engineers' (IEEE) 802.11 standards (the Wi-Fi Alliance is the organisation, based in Austin, Texas, USA, that owns the Wi-Fi registered trademark term);

"Wi-Fi CERTIFIED™" means an internationally-recognised seal of approval for products indicating that they have met industry-agreed standards for interoperability, security, and a range of application specific protocols.

3. Scope and objective

2.1 This Directive amends provision 3.12 of the Telecommunication Directive 1 of 2014.

2.2 This Directive provides for additional obligations on licensed dealers with a view to protecting consumer interests with regard to the importation and commercialisation of radiocommunication/telecommunication equipment and to facilitate the importation and commercialisation of consumer electronics incorporated only with Bluetooth/Wi-Fi functionalities.

4. Additional obligations on licensed dealers regarding the importation and sale of wired PABX Systems

4.1 Licensed dealers shall ensure that the wired PABX Systems (whether analogue or IP based) that they commercialise are of good quality and are safe for the public.

4.2 All products imported and sold by licensed dealers shall have their labels and instructions written in English or French,

4.3 Licensed dealers shall only import wired PABX Systems which may be clearly identified by their brand name or manufacturer and model number as being originals.

4.4 Licensed dealers shall only import and sell wired PABX Systems that comply with the CISPR22/EN 55 022 and CISPR24/EN 55 024 EMC standards.

4.4 Licensed dealers shall only import and sell wired PABX Systems that comply with the IEC/EN 60950 safety standard.

4.5 Licensed dealers shall obtain from their suppliers relevant compliance documents certifying that the wired PABX Systems comply with the abovementioned standards.

4.6 Licensed dealers shall, at all times, keep in their possession relevant compliance documents certifying that the wired PABX Systems comply with the abovementioned standards and shall make same available to the Authority upon request.



4.7 Licensed dealers shall submit a copy of their dealer's licence to Customs in order to clear their consignments of wired PABX Systems.

4.8 No Type Approval from the Authority is required for the importation and sale of wired PABX Systems.

5. Additional obligations on licensed dealers regarding the importation and sale of Bluetooth® Only equipped devices

5.1 Licensed dealers shall ensure that the Bluetooth® Only equipped devices that they commercialise are of good quality and are safe for the public.

5.2 All Bluetooth® Only equipped devices imported and sold by licensed dealers shall have their labels and instructions written in English or French.

5.3 Licensed dealers shall only import Bluetooth® Only equipped devices which may be clearly identified by their brand name or manufacturer and model number as being originals.

5.4 Licensed dealers shall only import and sell Bluetooth® Only equipped devices that comply with the Bluetooth Core Specifications as published by the Bluetooth Special Interest Group and bear the Bluetooth trademarks (Bluetooth word mark, figure mark and combination mark).

5.5 Licensed dealers shall only import and sell Bluetooth® Only equipped devices that comply with standards for Effective and Efficient Use of the Radio Spectrum, Electromagnetic Compatibility and Safety requirements as specified in Table 1 below –

Operating Frequency Range (GHz)	Maximum e.i.r.p	Relevant Standards applicable		
		Efficient Use of the Radio Spectrum	Electromagnetic Compatibility	Safety Requirements
2.4000 – 2.4835	20 dBm (100 mW)	ETSI EN 300 328	ETSI EN 301 489-17	EN 60950 or any equivalent safety standard
	10 dBm (10 mW)	ETSI EN 300 440		

5.6 Licensed dealers shall obtain from their suppliers relevant compliance documents certifying that the Bluetooth® Only equipped devices comply with the abovementioned standards.

5.7 Licensed dealers shall, at all times, keep in their possession relevant compliance documents certifying that the Bluetooth® Only equipped devices comply with the abovementioned standards and shall make same available to the Authority upon request.

5.8 Licensed dealers shall submit a copy of their dealer's licence to Customs in order to clear their consignments of Bluetooth® Only equipped devices.

5.9 No Type Approval from the Authority is required for the importation and sale of Bluetooth® Only equipped devices as exemplified in Table 2 below –

Application	Bluetooth® Only equipped devices
Automotive	Hands free kit, Car audio systems
Consumer Electronics	Television set, CD / DVD players, Washing machines, Refrigerators, Cameras, Household appliances
Home Automation	Lighting systems / switches, Air Conditioning systems, Remote controlled doors
Medical & Health	Medical devices, Hearing aids
PC Peripherals	Wireless Mouse, Keyboard, Touchpad, Earphone/Headphone, Microphone, Speaker, Corded phone, Charger
Retail & Location-based Services	Tags, Trackers
Sports & Fitness	Sport equipment
Wearables	Smart watch, Helmet

6. Additional obligations on licensed dealers regarding the importation and sale of devices equipped with Wi-Fi and/or Bluetooth®

6.1 Licensed dealers shall ensure that the devices equipped with Wi-Fi and/or Bluetooth® that they commercialise are of good quality and are safe for the public.

6.2 All devices equipped with Wi-Fi and/or Bluetooth® imported and sold by licensed dealers shall have their labels and instructions written in English or French.

6.3 Licensed dealers shall import devices equipped with Wi-Fi and/or Bluetooth® which may be clearly identified by their brand name or manufacturer and model number as being originals.

6.4 Licensed dealers shall only import and sell devices equipped with Wi-Fi and/or Bluetooth® that comply with the IEEE 802.11 standard and/or the Bluetooth Core Specifications as published by the Bluetooth Special Interest group.

6.5 Licensed dealers shall only import and sell devices equipped with Wi-Fi and/or Bluetooth® that bear the Wi-Fi CERTIFIED™ trademark and/or the Bluetooth® trademarks as applicable.



6.6 Licensed dealers shall only import and sell devices equipped with Wi-Fi and/or Bluetooth® that operate in frequency bands and with maximum e.i.r.p as specified in Table 3 below.

6.7 Licensed Dealers shall only import and sell devices equipped with Wi-Fi and/or Bluetooth® that comply with standards for Effective and Efficient Use of the Radio Spectrum, Electromagnetic Compatibility and Safety requirements as specified in Table 3 below –

Operating Frequency Range (GHz)	Maximum e.i.r.p	Relevant Standards applicable		
		Efficient Use of the Radio Spectrum	Electromagnetic Compatibility	Safety Requirements
2.400 – 2.4835	10 dBm (10 mW)	ETSI EN 300 440	ETSI EN 301 489-17	EN 60950 or any equivalent safety standard
2.400 – 2.4835	20 dBm (100 mW)	ETSI EN 300 328	ETSI EN 301 489-17	
5.150 – 5.350	23 dBm (200 mW)	ETSI EN 301 893	ETSI EN 301 489-17	
5.470 – 5.725	30 dBm (1 W)	ETSI EN 301 893	ETSI EN 301 489-17	
5.725 – 5.850	14 dBm (25 mW)	ETSI EN 300 440	ETSI EN 301 489-3	
5.725 – 5.850	36 dBm (1 W)	ETSI EN 302 502	ETSI EN 301 489-17	

6.8 Licensed dealers shall obtain from their suppliers relevant compliance documents certifying that the devices equipped with Wi-Fi and/or Bluetooth® comply with the abovementioned standards, as applicable.

6.9 No Type Approval from the Authority is required for the importation and sale of devices equipped only with Wi-Fi and/or Bluetooth® as exemplified below –

Application	Devices equipped with Wi-Fi and/or Bluetooth®
Automotive	Car infotainment systems
Consumer Electronics	Television set, CD / DVD players, Washing Machines, Refrigerators, Cameras, Home entertainment systems, Household appliances
PC Peripherals	Wireless Mouse, Keyboard, Touchpad, Microphone, Speaker, Printer / Scanner
Sports & Fitness	Sport equipment

6.10 For those equipment listed in Table 4 above, licensed dealers shall, at all times, keep in their possession relevant compliance documents certifying that the equipment complies with the standards

listed in Table 3 and shall make same available to the Authority upon request.

6.11 When importing equipment listed in Table 4, licensed dealers shall submit a copy of their dealer's licence to Customs in order to clear their consignments.

6.12 Licensed dealers shall ensure that all devices other than those listed in Table 4 and equipped with Wi-Fi and/or Bluetooth® are type approved by the Authority prior to being imported and operated in Mauritius.

7. Consequential amendments

7.1. Provision 3.12 of Telecommunication Directive 1 of 2014 is amended to include the following in the table. The amendments shall be applicable for all imports that have been made after the coming into operation of this Directive –

Type of Equipment imported for sale	Requirements / Documents to be produced at Customs
Terminal Equipment without radio part: Corded Fixed Line Phones Fax Machines Modems (except Satellite modems) PABX Systems	Valid Dealer's Licence
Consumer Electronics, PC Peripherals, Car infotainment systems equipped with Wi-Fi and/or Bluetooth® Bluetooth® Only equipped devices	Valid Dealer's Licence
Radio equipment including a transmitter Mobile Phones Tablet PCs / Phablets GSM / UMTS / LTE modems GSM / UMTS / LTE USB Dongles Laptops with wireless functionalities Cordless Telephones Short Range / Low power devices other than Bluetooth®	Type Approval Certificate Valid Dealer's Licence

Radio equipment including a transmitter (operation of which may require a licence) Wireless microphone (operating in the 174 – 216 MHz and 470 – 862 MHz) Wireless Access Equipment (Access points, Wireless Routers, Wireless Bridges) Private Land Mobile Radio Equipment Telemetry Equipment GSM / UMTS / LTE Gateways GSM / UMTS / LTE Repeaters Satellite Phones HF / VHF Marine radio equipment HF / VHF Aeronautical Equipment Satellite Phones GSM / CDMA / WCDMA / LTE Base Stations Equipment to set up Fixed Links Earth Station / VSAT Equipment Broadcasting Transmitters	Type Certificate Valid Licence	Approval Dealer's
Spare parts intended for wireless equipment imported in bulk for sale	Valid Licence	Dealer's
IT equipment such as Ethernet Cards, Routers and hubs, except wireless devices	None	

8. Market surveillance

8.1 The Authority may monitor the market to ensure that equipment which are being exempted from type approval in this Directive comply with all the requirements as set out in clauses 4, 5 and 6 of this Directive.

8.2 For this purpose, licensed dealers shall, at all times, keep in their possession relevant compliance documents certifying that the equipment complies with all required standards and shall make same available to the Authority upon request.

8.3 Licensed dealers shall submit to the Authority, on a quarterly basis, a list of equipment exempt from type approval which are being commercialised by them in the following format –

Make	Model	Manufacturer's Name and address

8.4 Licensed dealers shall submit the above mentioned list on the following dates each year –

- (a) end of October;

- (b) end of January;
- (c) end of April; and
- (d) end of July.

8.5 In the event that an equipment is found to be non-compliant with the specified requirements, the Authority may direct the licenced dealer to cease supplying the said equipment and recall and withdraw same from market to be impounded or destroyed, at no cost to the Authority.

9. Commencement

This Directive shall come into operation on 01 December 2017.


M. A. BOCUS
Chairman




R. SHAKYA
Executive Director

To: All Licensed dealers