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**GMAP NEWS**

**March 2023**



國際轉證時間表

GMA Timeline  
March, 2023

Feb.07, 2023

波札那 Botswana

波札那通訊管理局BOCRA公告實施無線通訊規範，包含進口商需持有執照、產品應有售後維修服務等

Feb.10, 2023

新加坡 Singapore

任何形式的萬用轉接頭(不論形狀設計)需符合SAFETY Mark

Mar.07, 2023

巴西 Brazil

ANATEL 針對CPE (客戶端設備)提出網路安全規範要求

Mar.07, 2023

韓國(南韓) South Korea

Intertek於3月收到KTC通知，包含IEC 62368-1之CB報告、零件製造商聲明信之接受情況、及KC 60335-1標準升級等；詳請見內頁說明



## 【波札那】通訊管理局(BOCRA)公告無線通訊最新規範

非洲波札那通訊管理局(Botswana Communications Regulatory Authority, BOCRA)於2023年2月7日公告批准以下規範：

- 將具體實施2022年法規的第5項次(Part V, Equipment type approval)；原法規連結：  
[https://www.bocra.org.bw/sites/default/files/documents/Communications\\_Regulatory\\_Authority\\_Regulations\\_2022\\_0.pdf](https://www.bocra.org.bw/sites/default/files/documents/Communications_Regulatory_Authority_Regulations_2022_0.pdf)
- 當地進口商(local importer)必須持有Dealer License才能進口無線通訊設備。
- 產品需有對應之售後維修服務。
- 所有管制之無線通訊設備必須在進口商進口之前取得BOCRA許可證。

2023年最新批准法規連接：<https://www.bocra.org.bw/sites/default/files/documents/Annex%201%20-%20BOCRA%20Type%20Approval%20Guidelines%202023%20-%20Copy.pdf>



## **[BOTSWANA] BOTSWANA TYPE APPROVAL GUIDELINES 2023**

On Feb. 27, 2023, BOCRA revised previous type approval Guidelines BOCRA recently had a working session with approval stakeholders to revise the type approval guidelines in Botswana.

- It should be noted that this regulation is the practical implementation of approval provisions formally set out in Part V (Equipment type approval) of the ACT 2022 Regulations. (Original link: [https://www.bocra.org.bw/sites/default/files/documents/Communications\\_Regulatory\\_Authority\\_Regulations\\_2022\\_0.pdf](https://www.bocra.org.bw/sites/default/files/documents/Communications_Regulatory_Authority_Regulations_2022_0.pdf))
- In the new regulation, a local importer is required and must hold a Dealer License to be able to import Radio equipment.
- A local repairman is required
- All approved radio equipment must have a Spectrum Radio Li-cense before being imported by a local importer (who has a Dealer License).

Link to the latest regulation of BOCRA type approval:

<https://www.bocra.org.bw/sites/default/files/documents/Annex%201%20-%20BOCRA%20Type%20Approval%20Guidelines%202023%20-%20Copy.pdf>



## 【新加坡】任何形式的萬用轉接頭需符合SAFETY MARK

2023年2月10日新加坡企業發展局(ESG)通知，自2024年2月11日起，所有萬用轉接頭(multi-way adaptors)無論形狀/設計如何，皆需要符合安規認證並標示SAFETY Mark標誌，才能在新加坡銷售。供應商應於此1年寬限期內為產品進行測試、認證並貼上Safety Mark標誌。



## **[SINGAPORE] CLARIFICATION ON TYPES OF PRODUCTS CLASSIFIED AS MULTI-WAY ADAPTORS UNDER THE CONSUMER PROTECTION (SAFETY REQUIREMENTS) REGULATIONS**

On Feb.10, 2023 ESG has announced that with effect from Feb.11, 2024 that all multi-way adaptors, regardless of shape/design, will need to bear a valid Safety Mark before they can be sold in Singapore.

This 1-year grace period is to provide RSeS with time to send existing products for testing, certification and affixing with a valid Safety Mark.



## 【巴西】ANATEL 針對CPE (客戶端設備) 網路安全規範要求

巴西國家通訊管理局(Agência Nacional De Telecomunicações, ANATEL)於2023年3月7日發布新的第2436號法案，其中包含用於評估CPE (Customer Premises Equipment客戶端設備)網路安全的規範要求，並將於2024年3月10日生效。

此法案規範涵蓋以下CPE產品：

- a) Cable modem - 纜線數據機
- b) xDSL modem - 各種類型數位使用線路數據機
- c) ONU/ONT - 光纖網路單元/終端
- d) Router or modem intended for fixed wireless access (FWA - Fixed Wireless Access) - 用於固定無線接入(FWA-固定無線接入)的路由器或數據機
- e) Router or modem for fixed broadband access via satellite - 通過衛星連接進行固定連接的路由器或數據機
- f) Wireless router or access point - 無線路由器或接收點

主要要求涉及以下內容：

- 1. 設備的密碼要求
- 2. 針對未經授權嘗試連結的防禦要求
- 3. 針對供應商的要求；例如，供應商應制訂協調性弱點揭露政策以及發佈軟體與更新韌體時修復安全漏洞之相關政策

所有要求都需符合標準ATEL Resolution nº 740, ANATEL Act nº 77 NST Special Publication 800-63B、Broadband Forum - TR-181 Issue-2、ISO/IEC 29147:2018、ISO/IEC 30111:2019，以及其他網路安全標準。

更多細節請參考官方連結：[LINK HERE](#)



## [BRAZIL] ANATEL ANNOUNCED ACT NO.2436 FOR CPE DEVICES

On March 7, 2023, ANATEL announced Act N° 2436 with mandatory cybersecurity requirements for Customer Premises Equipment (CPE) devices used to connect to the internet service provider's network. These requirements will come into force on **March 10th, 2024**.

The new Act will include password requirements, defense requirements against unauthorized access attempts, and requirements for vendors to have Coordinated Vulnerability Disclosure Policy and policies for releasing software/firmware updates to fix security vulnerabilities.

The Act covers below CPE devices:

- a) Cable modem
- b) xDSL modem
- c) ONU/ONT
- d) Router or modem intended for fixed wireless access (FWA - Fixed Wireless Access)
- e) Router or modem for fixed broadband access via satellite
- f) Wireless router or access point

These requirements align with various cybersecurity standards, such as ANATEL Resolution N° 740, ANATEL Act N° 77, NST Special Publication 800-63B, Broadband Forum – TR-181 Issue-2, ISO/IEC 29147:2018, and ISO/IEC 30111:2019.

See details from original regulation: [LINK HERE](#)





## 【韓國】KTC 三月發布相關通知

1. 當成品與internal power supply 標準不同時，KTC可接受CB報告的情況如下：

成品(End product)標準	Internal power supply 標準	是否接受 CB 報告
62368-1 Ed. 3	62368-1 Ed. 3	可以接受
62368-1 Ed. 3	62368-1 Ed. 2	當 End product 測試報告有考慮到二版和三版的差異時，便可以接受
62368-1 Ed. 3	60065	可以接受
62368-1 Ed. 3	60950-1	可以接受

2. 假設製造商的零件(特別是Class I AC inlet) 絕緣等級是經過認證的認可品，KTC可以接受廠商出示的聲明信；除此之外，也接受經過測試評估的零件。
3. 自2023年 2月起，標準KC 60335-1版本已從5.0 更新到5.2，相對應國際標準為：IEC 60335-1 (Household and similar electrical appliances -Part 1：General requirements) Ed 5.2 (2016-05)。\*\*CB 轉證需用5.2以後版本
4. 更換變壓器與馬達等零件時，KTC可能會提出做額外的測試。
5. 申請預先證號時，需提供已經完成的CB證書(非草稿)以及審核過正確的標準。



# [SOUTH KOREA] KTC UPDATED NEWS IN MARCH

## 1. CB certified internal power supply (IEC 62368-1)

Test standard for End product	Test standard for Internal power supply	KTC accept CB test report
62368-1 Ed. 3	62368-1 Ed. 3	Acceptable
62368-1 Ed. 3	62368-1 Ed. 2	When the end product's test report is considered and test all deviation between Ed2 and Ed3, it can be acceptable.
62368-1 Ed. 3	60065	Acceptable
62368-1 Ed. 3	60950-1	Acceptable

2. KTC will accept Manufacturer's DoC for those components (especially using Class I AC inlet) which insulation grade has been verified. Besides, KTC also accepts components with relevant tests and properly conducted.

3. The version of KC 60335-1 has been updated from 5.0 edition to 5.2 edition.

\*Corresponding IEC standard: IEC 60335-1(Household and similar electrical appliances -Part 1: General requirements), Ed 5.2 (2016-05)

4. For Transformers and Motors of Household Appliances: Additional testing of the part may be requested by the engineer in charge when application for change.

5. A Pre-KC Certification number, a formal CB certificate is required and safety standards should be met after review.

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