

Satellite Internet Access Guide: Macao

October 2023

Using this Guide

Question: This column contains the relevant question to be addressed under (Response).

Response: Information addressing the question identified under (Question) is contained in this column.

Additional Information: This column contains any clarification or added information necessary to better understand the information under (Response).

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Abbreviations for Legislation

- Telecommunications Basic Law (Law No. 14/2001) (**Telecommunications Basic Law**)
- Personal Data Protection Act (Act No. 8/2005) (**Personal Data Protection Act**)
- Provision of Internet Services (**Administrative Regulation No. 24/2002**)
- Administrative Regime of Radiocommunication Services (**Decree-Law No. 48/86/M**)

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S/N	Question	Response	Additional Information
1	Does the member state have law(s) relating to internet service provisioning and access?	<ol style="list-style-type: none"> Telecommunications Basic Law Administrative Regulation No. 24/2002 Decree-Law No. 48/86/M 	
2	Are there restrictions on use or access to internet?	Access to internet is neither restricted nor its content censored in Macao. Interception of communications has to be carried out subject to judicial oversight.	Privacy of persons is protected and data processing is carried out in accordance with the provisions of the Personal Data Protection Act
3	Is satellite a medium used to provide internet access in the member state?	Satellite systems are mostly used to provide TV broadcasting services in Macao, and several licenses have been granted in this regard. The grant of a license to install, operate and control a satellite management system does not authorise the operator to provide telecommunications service for public use. To do that, an internet service license is required.	
4	Are there existing legislations for satellite internet access?	There is currently no regulatory framework specific to satellite internet access. Notwithstanding, the Directorate of Postal and Telecommunications Services (CTT) is empowered to issue licenses to install, operate and	

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		control a satellite management system, but this is usually to provide TV broadcasting services . It should be noted that this license does not grant the operator the right to provide telecommunications service for public use. To do that, an internet service license is required.	
5	Which agency is responsible for regulating internet service provisioning including satellite internet provisioning?	The Directorate of Postal and Telecommunications Services (CTT) is the government body charged with the responsibility of regulating communications and postal services in Macao. There is no separate agency that regulates satellite internet provisioning.	
6	Who can provide internet service using satellites?	Any person that meets the licensing criteria for the particular service intended to be offered. <i>See No. 7 below.</i>	
7	Is a license or permission required to use, operate, or control satellite for internet access?	To provide internet access, an internet service provider license and an authorization to establish and operate radio networks or stations is required. For license to install, operate and control a satellite management system, see <i>No. 4</i> above.	

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8	<p>What is the procedure for obtaining these licenses/permits?</p>	<p>To apply for a license to provide internet service, an application must be submitted through the CTT to the Chief Executive and have the following documents attached -</p> <ol style="list-style-type: none"> 1. Proof that licensing requirements under Article 4 have been met. 2. Detailed proposal containing the technical configuration of the systems intended to be used. 3. Financial plan that includes proposed pricing structure, as well as financial and audit reports for the past 3 fiscal years. 4. Organisational structure of the applicant. 5. Any other documents deemed relevant in support of the application. <p>To establish and operate radio networks or stations, a government authorisation is required. In this regard, an application must be submitted to the CTT, and issuance of the license is also carried out by the same body upon satisfying the requirements stipulated under Articles 3 and 4 of Decree-Law No. 48/86/M.</p>	<p>In line with Article 4 of Administrative Regulation No. 24/2002, an internet service provider must be incorporated as a business in Macao to provide internet services and must possess adequate technical and financial capacity to carry on the business.</p>
9	<p>What is the validity period for these licenses/permits?</p>	<ol style="list-style-type: none"> 1. An internet service license is valid for 5 years and is renewable for another 5 years. 2. The validity period of a general authorisation to establish and operate radio networks or 	

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		<p>stations is unlimited unless revoked or suspended by the government. However, where the license granted is a station license, the validity period is for 5 years which is renewable.</p> <p>3. A license to install, operate and control a satellite management system is typically valid for 15 years and is renewable for the same period or less.</p>	
10	What are the technical requirements for use of satellites for internet access?	There is no information on CTT's website relating to frequency allocation for satellite internet services.	
11	Are there existing (or planned) satellite internet providers operating in this economy?	There is currently no information on CTT's website in respect of any licensed satellite internet operator. However, the licensed internet service providers on its database include: Netel Information and Services Limited, Hutchison Telephone (Macao) Company Limited, ENET Macau Limited, Macau Telecommunications Company Limited, Smartone Mobile Communications (Macao) Limited, China Telecom (Macao) Company Limited, MTEL Telecommunication Company Limited, Y5ZONE Macao Limited, and Ying Ju Technology Company Limited.	

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12	Does an end user require a license to access satellite for internet connectivity?	<p>There is no information in this regard.</p> <p>However, users of internet services using terrestrial means do not require any license to use this service. The contract between the user and the provider must not be contrary to the provisions of Administrative Regulation No. 24/2002 and users are only bound by prices and conditions expressly stipulated in the contract.</p>	