

休斯 Jupiter 系统出力墨西哥的乡村卫星宽带服务

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为帮助政府消除边远与城市地区的“数字鸿沟”(digital divide)，实现 Internet 服务覆盖全国所有乡村学校和社区，墨西哥当地运营商 GrupoPegaso 部署休斯 Jupiter 系统，利用 Bicentenario 卫星的 C/Ku 频段资源，为广大乡村学校和社区提供高速 Internet 接入和 Wi-Fi 覆盖服务。



此项目涉及 1 个关口站和 5,000 个小站。Bicentenario 卫星归属墨西哥交通运输部（SCT），上面分别携带 12 个 C、12 个 Ku 转发器。

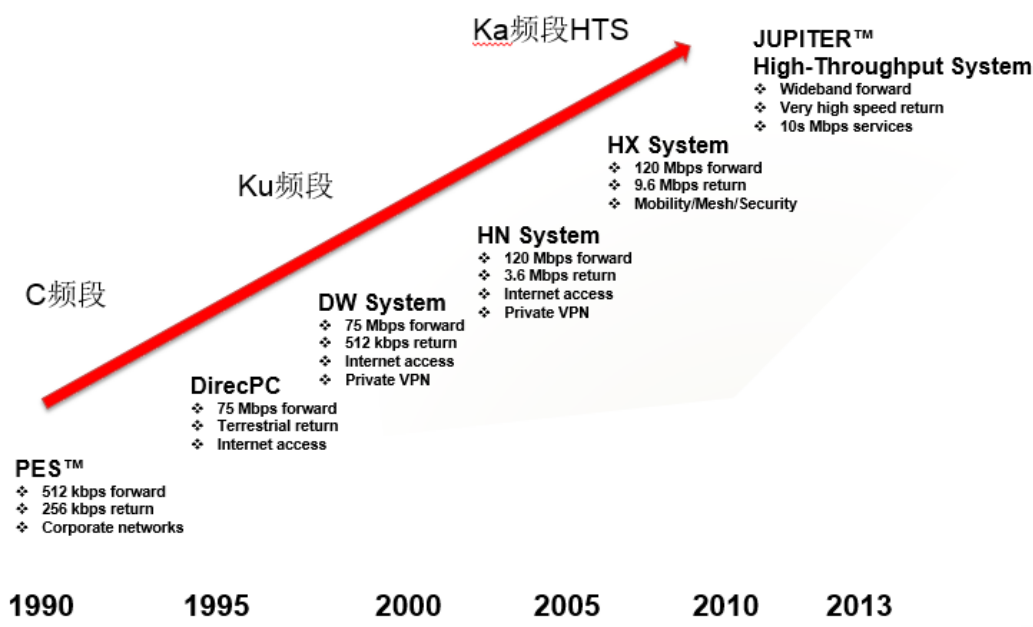
墨西哥政府评价此项目让边远地区分享城市地区相对发达的经济、教育等优势资源，从而消除不同地区社会发展的不平衡问题。

休斯 Jupiter 系统具有同类产品不具备的优势，如高效利用带宽，在同样数量的卫星带宽下，Jupiter 系统比其它产品多支持 20% 数量的小站；Jupiter 小站终端采用 SoC 系统芯片(System on a Chip)；系统采用增强型空中接口和宽带载波(225Msps 符号率)；模块化的主站结构等。Jupiter 在常规 C/Ku 频段卫星、以及将来的高容量 HTS 卫星下均能很好地应用。

此项目是 Jupiter 系统在 C/Ku 频段应用的又一个成功例子。

休斯卫星通信设备的研发始终引领潮流

HUGHES



新闻稿的英文版:

Hughes JUPITER Satellite System Helps Bridge Digital Divide in Rural Mexico

Selected by Grupo Pegaso to power high-speed Internet and Wi-Fi access for schools and municipalities

Germantown, MD., March 17, 2015—Hughes Network Systems, LLC, (HUGHES), the world's leading provider of broadband satellite networks and services, announced today that it has been selected by Grupo Pegaso to supply its JUPITER™ System to help close the “digital divide” for communities in rural Mexico.

Pegaso Banda Ancha, a Grupo Pegaso company, will deliver services over the Bicentenario satellite owned by Mexico's Secretariat of Communications and Transportation (SCT), operating a Hughes JUPITER Gateway and more than 5,000 remote terminals, helping the government reach its goal of providing Internet access to 100 percent of the country's schools and municipalities. Grupo Pegaso chose JUPITER for its efficient use of bandwidth and ability to support 20 percent more sites than its competitors.

“Internet access is a basic ingredient for economic and social development,” said Javier Braun Burillo, Chief Operating Officer of Grupo Pegaso. “The Hughes JUPITER System will enable us to connect remote communities and schools with many of the same economic, governmental and educational resources that are available in urban areas.”

Mónica Aspe, the Director of Department of Information and Knowledge (CSIC) of the Mexican Ministry of Communication and Transport (SCT) stated that, “The Bicentenario project is an important step in closing the digital gap and providing efficient communications throughout Mexico, to avoid deepening social inequalities in our country.”

The Hughes JUPITER System enables network operators to extract maximum performance from their satellites to support even the most demanding government and enterprise applications in a wide range of markets. Employing a novel System on a Chip (SoC) and numerous other technology advancements—including an enhanced air interface and wideband carriers—JUPITER's modular design makes it the ideal, future-proof platform for operators to gain performance and cost advantages on today's conventional Ku- and C-band satellites, and be well positioned for migration to next-generation HTS satellites.

“Hughes is honored to be part of Mexico's efforts to close the gap between communities on the two sides of the digital divide—those with high-speed Internet and Wi-Fi access and those without,” said Nick Marzella, vice president, Latin America Region at Hughes. “JUPITER is the leading satellite system of choice for connecting even the most remote communities to the Internet.”

About Grupo Pegaso

Grupo Pegaso began operations in 1994, in order to promote projects with a strong social commitment, which over time will be of global importance for Mexico in the most dynamic sectors of the economy.

In 1999, Pegaso Banda Ancha, with extensive experience in network integration for large corporate and government organizations, was created to provide satellite connectivity. It now operates thousands of remote stations nationally, with about a 35 percent share of the Mexican market and is one of the leading satellite connectivity service providers in Mexico.

Pegaso Banda Ancha offers its services not only in Mexico, but also in the U.S., Central America and the Caribbean, using HISPASAT satellites and MEXSAT's Bicentenario satellite.

About SCT

The Ministry of Communications and Transport is an agency of the Federal Executive Power whose mission is to promote secure, efficient and competitive transportation systems and communications, by strengthening the legal framework, the definition of public policies, and the design of strategies that contribute to sustained growth of the economy and balanced social development.