Stacking Up: PNG in the Cloud

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Digital access in PNG

Infrographic 2

PNG key mobile facts



Total number of unique subscribers and mobile internet unique subscribers - 2010-2025



Market penetration, unique subscribers Market penetration, mobile internet unique subscribers

Growth rate, unique subscribers, annual

Percentage of connections by mobile technology (2G/3G/4G)





Percentage of population within 3G network coverage area (NICTA 2017)

67.5



Percentage of population within mobile coverage (including 2G/3G/4G) (NICTA 2017)

599,285

Number of smartphones



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Percentage of connections by smartphone

5 76.20%

Percentage of prepaid connections



Average Revenue Per User (ARPU)

Market share (as of Q2 2018) (before the bmobile vodafone-Telikom PNG merger)





DMEP

The Data-network Modified Emulation Program (DMEP) is a software product, which runs in an IBM 3705 Communications Controller. DMEP allows IBM 370 host computers to communicate with terminals attached to an X.25 packet-switching network. No modifications to existing IBM 370 teleprocessing software are required.

DMEP supports concurrent operation of terminals connected to the X.25 network and terminals connected directly to the IBM 370X. DMEP presents network-connected terminals to the host on individual subchannel addresses just as if they were directly connected to the 370X and operating under the IBM Emulator Program (EP). DMEP performs all of the interface functions required for 3270, ITI and 2780/3780 communications with Telenet's public packet-switching network.



DMEP Team - Dave Tuttle (seated), Paul Dattoli, Linsey O'Brien

XNCP

XNCP is a program extension of the IBM Advanced The TP3030 Network Control Facility (NCF) is a Communications Function/Network Control Program low cost, centralized control point for monitoring and accessing TP3000 series communications equip-(ACF/NCP). With XNCP, X.25 packet-switching network virtual terminals may connect to SNA host ment. A TP3030 NCF consists of a TP3030 Processystems and applications. sor, a disk drive unit, a system console and a system printer.

XNCP is currently under development at GTE A TP3030 NCF provides network control, monitor-Telenet, Burlington. It provides the IBM ACF/NCP program product with the extended X.25 line control ing capabilities, diagnostic tools and report capability. The main function of XNCP is to generation. provide the vital linkage between the IBM System Network Architecture (SNA) network resources and The NCF may be used in both public and private the X.25 packet-switching network resources. With X.25 packet-switching networks, allowing the XNCP, the user combines the SNA and public packetnetwork operator to load, test and monitor the switching data network into one flexible and line activity of TP3010 Network Interface Procesversatile data communications network. sors (NIP), distributed throughout the network.

TP3010



The TP3010 Network Interface Processor is a micro-processor based programmable communications computer, which provides an economical means of concentrating data from terminals and hosts into X.25 packet-switching networks. A TP3010 enables the devices it supports to communicate with other devices linked to the same network. Currently, the TP3010 supports ITI, 3270, and 2780/3780 type terminal and host connections.

Any critical or unrecoverable software problem within a TP3010 generates an immediate alert to the TP3030 NCF, which automatically reloads the failed processor through the network.

CURRENT PRODUCTS

TP3030















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Sat dist:6966 Sat RTT: 46ms Great circle fibre RTT: 55ms Current Internet RTT: 76ms



Telesat LEO: Affordable fiber-quality connectivity everywhere







ubiquitilink













Software as a Service (SaaS)

Google

tak



Platform as a Service (PaaS)

Infrastructure as a Service (laaS)







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Private Cloud

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Developers

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Improving the security of a government land registry

0 Georgia

National Agency of Public Registry

Bitfury created the first-ever blockchain land-registry system in partnership with the Republic of Georgia's National Agency of Public Registry (NAPR) and renowned economist Hernando de Soto.

First launched in 2016, the goal of the project was to strengthen property owners' rights, enhance citizens' trust in government and reinforce data security.

MiCash

MiBank Business

3+

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The App enables users of MiCash to Check their bank account balance, Send Money, Withdraw Money at an agent, Pay Bill, do airtime recharge and account related transactions. Mobile data is not required to use the App. Users can turn off mobile data after downloading the app and still enjoy all the functionalities.

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China's Central Bank 'Close' to Launching Official Digital Currency

An official at China's central bank has said the institution is nearing the launch of its digital currency.

Speaking at an event in China over the weekend, Mu Changchun, deputy director of the payments unit at the People's Bank of China (PBoC), said its researchers have been hard at work since last year to complete the systems needed to support the digital yuan offering and that it is "close to being out." The news was reported by **Bloomberg** on Monday.

Since Facebook announced details of its Libra cryptocurrency project in mid June, China has viewed development of its digital coin with new urgency.

Early in July, the former governor of the PBoC Zhou Xiaochuan said that Libra poses a threat to payments systems and national currencies.

As such, he argued the Chinese government should "make good preparations and make the Chinese yuan a stronger currency." Zhou further suggested that "commercial entities" could be allowed to issue digital yuans, as Hong Kong allows with its dollar.

BINANCE

What digital currency does PNG want?

TWO 2

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