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Non-Cash Payments Grow Faster Than GDP Across All Regions **Finds World Payments Report 2015**

Shift from physical to digital spurs payments innovation and growth, but Hidden Payments¹ challenge regulators and banks

Paris, London – October 6, 2015 – Non-cash payment volumes are expected to continue on a high growth trajectory in 2014, according to the World Payments Report 2015 from Capgemini, one of the world's foremost providers of consulting, technology and outsourcing services, and the Royal Bank of Scotland (RBS). They are projected to grow at a rate of 8.9 percent to reach a record high of 389.7 billion transactions,² up from 2013's 7.6 percent growth rate. Driven by a combination of factors including robust growth of non-cash transactions volumes in Emerging Asia³ and widespread adoption of mobile technology for payments in mature markets,⁴ the volume of noncash payment transactions grew faster than GDP across all geographies in 2013. For 2014, growth is expected to have been propelled by the continued economic recovery in mature markets, rapid expansion in China, adoption of mobile and contactless technology, and the global move towards Immediate Payment⁵ schemes.

Emerging Asia continues to push growth upwards

Non-cash transactions in Emerging Asia are expected to have grown by 27 percent in 2014 from 22 percent in 2013 driven by increasing internet use and the adoption of mobile payments. In particular, noncash payment volumes in China are expected to surpass those in Germany, the UK, France, and South

¹Hidden payments are payments processed through non-bank systems, and include payments made through closed loop cars and mobile apps, digital wallets mobile money, and virtual currencies. ² The World Payments Report 2015 is an annual report which examines the latest developments in the global payments landscape,

including payments volume trends, payment instruments (such as cards and checks), key regulatory initiatives and their impact on strategic considerations and options for banks. The transactional data in the report is from 2013. It makes a projection for 2014. Data is not yet available for 2015.

³ Emerging Asia includes India, China, and other Asian countries.

⁴ Mature Markets are: Mature Asia-Pacific including Australia, Japan, Singapore, and South Korea; Europe, including the Eurozone; and North America (the U.S. and Canada). ⁵ Immediate Payment schemes, also known as real-time payments, allow money to be moved from one account to another within

seconds, 24 hours a day, ensuring customers can use the funds just as quickly.

Korea, moving it into fourth position globally, behind the US, Eurozone, and Brazil in first, second and third place respectively. China posted record non-cash payment growth of 37.7 percent in 2013 as regulators accelerated the opening of the domestic payments card market to overseas competition and point of sale terminals were rolled out across the country. Mobile payments also grew significantly in volume – by 170 percent – to reach 4.5 billion transactions, making it a core element of China's payments ecosystem.

Hidden payments volumes are also increasing

Hidden payments, or payments processed through non-bank systems, are now estimated to be as big as around 10 percent (40.9 billion) of non-cash transactions in 2014 and are expected to grow in the coming years. The lack of coherent data on hidden payments, which include payments made through closed loop cards and mobile apps, digital wallets mobile money, and virtual currencies makes it challenging for banks and non-bank payment services providers in determining optimal operating and processing models in such markets. As hidden payments are not subject to regulation, there are also concerns about the lack of consumer protection on data privacy, information security, dispute resolution as well as fighting fraud and money laundering and regulation is needed to minimize these risks.

Banks still in a strong position to offer customer-centric innovation

Despite the rise of other competitive payment providers along with new and alternative payment methods including digital wallets and mobile apps, banks are still in a strong position to develop innovations that improve the customer experience. Banks are better positioned than their alternative provider rivals to provide holistic solutions across all instruments and channels which make them more efficient as a single provider of payment services as opposed to having multiple providers for each payments scenario. As banks continue to enhance their holistic solution offerings, Immediate Payment systems can act as an enabler for banks to develop new value-add propositions and drive business growth. Immediate Payment systems allow money to be moved from one account to another within seconds, 24 hours a day, ensuring customers can use incoming funds just as quickly.

Regulation also has a role in driving innovation through the harmonization required for the cohesive global expansion of Immediate Payment schemes. According to the WPR 2015, 86 percent of payment executives surveyed believe that regulators will need to evaluate and make changes to the existing regulation to make Immediate Payments a reality globally. In particular, the adoption of Immediate Payments is challenged by a lack of interoperability of systems built using different standards in Europe and around the globe. Regulators can help resolve this by working to develop and guide standards and rules to support industry interoperability.

"Each year banks face new and greater challenges in innovating to meet consumer demands for more convenient, faster, more secure and more mobile payment methods," said Andrew Lees, Global Sales

Officer, Capgemini Financial Services. "Facing this pressure and the need for new regulatory initiatives to support innovations like Immediate Payments, payment services providers must take a long-term approach for payments processing by building a holistic set of offerings that can deliver value on a global scale."

Another development re-shaping the payments market is Blockchain technology.⁶ Three key features of Blockchain are transparency, decentralization and key signing permission⁷. This mix has the potential to improve the efficiency of financial transactions and transform the global financial network. This technology could accelerate the velocity of money and provide an alternative for legacy banking systems in the future.

"New technology is accelerating change in the payments industry, offering holistic solutions as customers move from physical to digital payments as evidenced by the adoption of contactless in the UK with 53m transactions in March 2015.. As a trusted partner, we're at the heart of client transactions, facilitating the transition to digital payments," said Marion King, Director of Payments, RBS. "As the digital economy transforms innovation in technology, it in turn gives customers greater choice and convenience in how they pay and conduct business."

For more than a decade, the **World Payments Report** by Capgemini and the Royal Bank of Scotland has been the source of fundamental data, trends and commentary on global and regional non-cash payments, and the key regulatory and industry initiatives that govern them. This year's report explores the impacts of an increasingly demanding regulatory landscape and the additional requirements to deliver incremental customer value through innovation and features insights derived from an online survey and executive interviews conducted in May 2015.

The report is available for download at <u>www.worldpaymentsreport.com</u> or contact us at <u>payments@capgemini.com</u>.

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⁶ Blockchain is a new technology initially used to support Bitcoin and cryptocurrencies which is based on federating independent computing power to capture and record transactions.

⁷ In key signing permissions, the security of transactions is based on multiple synchronous validations from network participants.

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