



PRESS RELEASE

Paris, November 6, 2012

Eurosmart forecasts over 7 billion Smart Secure Devices to be shipped in 2012

Eurosmart confirms the forecast from last April of the total shipment of microcontroller-based Smart Secure Devices to more than 7 billion units in 2012. To put this number into perspective, it means close to 20 million people are receiving a secure and personalized device worldwide every day. Eurosmart expects strong growth to continue in all major segments in 2013, bringing the 2013 total Smart Secure Devices forecast to nearly 7.7 billion units. The major growth drivers seen by Eurosmart are:

Telecom

- Continuous demand in developing markets
- M2M technology is expanding the smart security market
- Deployment of 4G with currently over 50 commercial LTE networks globally, enabling feature rich IP services

Banking-Retail

- EMV migration is driving growth in Latin America and China and is confirmed in the US
- Continued strong growth of dual interface devices (combining both contact & contactless technology), forecasted to representing 25% of 2013 shipments

Government ID-Healthcare

- Steady growth in National eID programs
- Roll-out of several healthcare programs
- New countries are starting to adopt eDriving licenses

NFC

- Eurosmart expects close to 100mu NFC secure elements to be shipped this year, and twice as many in 2013. Secure NFC devices include NFC enabled UICCs and embedded secure elements and other form factors of NFC enabled secure elements.
- Major handset manufacturers have started to include NFC in their smart phones
- MNOs, banks and merchants have started to market secure NFC services
- Industry alliances and partnerships are rolling-out several projects worldwide

Worldwide Smart Secure Device shipment - 2012 and 2013 forecasts
(Source: Eurosmart, November 2012)

WW shipments forecast millions of units	2012f	2013f	2013 vs 2012 % growth
Telecom	5 200	5 450	5%
Banking	1260	1480	17%
Government	290	350	21%
Transport	120	140	17%
PayTV	135	145	7%
Others	90	100	11%
Total	7 095	7 665	8%

Included in the above forecasts are the following contactless shipments (including dual interface contact and contactless):

Worldwide Smart Secure Contactless market figures – 2012 and 2013 forecasts
(Source: Eurosmart, November 2012)

of which contactless millions of units	2012f	2013f	2013 vs 2012 % growth
Banking	270	360	33%
Government	150	180	20%
Transport	120	140	17%
Others	60	70	17%
Total	600	750	25%

About Eurosmart

Eurosmart is an international non-profit association located in Brussels and representing the Smart Security Industry. Founded in 1995, the association advocates the use of Smart Secure Devices and smart security solutions to enhance the usability of digital services while protecting privacy and combatting fraud.

Members are providers of smart secure devices and solutions, semiconductor manufacturers, academics, laboratories and associations who work into dedicated working groups (security, electronic identity, communication, marketing).

Eurosmart monitors smart security market trends and publishes twice a year volume market forecasts by segment, being the WW reference and acknowledged as representing “the Voice of the Smart Security Industry”.

Eurosmart members are companies (Austria Card, EM Electronic Marin, FNMT-RCM, Gemalto, Giesecke & Devrient, Infineon Technologies, Inside Secure, LFoundry, Morpho, NedCard, NXP Semiconductors, Oberthur Technologies, ProofTag, Renesas Electronics, Samsung, STMicroelectronics, Toshiba), payment systems (GIE Cartes Bancaires, Mastercard), laboratories (CEA-LETI), research organisations (Fraunhofer AISEC), associations (Smart Payment Association, Mobismart, Danish Biometrics) and independent experts (Michel Koenig, Jonas Andersson).

For more information, please visit www.eurosmart.com

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