POS Terminals and Wireless M2M

POS Terminals and Wireless M2M is the third consecutive report from Berg Insight analysing the latest developments on the global POS terminal market.

This strategic research report from Berg Insight provides you with 45 pages of unique business intelligence including 5-year industry forecasts and expert commentary on which to base your business decisions.

Highlights from the third edition of the report:

- Detailed analysis of the payments industry.
- Summary of the latest industry trends and developments.
- Updated in-depth profiles of key players in the POS and mPOS terminal markets.
- Reviews of vendor market shares and competitive dynamics.
- Perspectives on the impact of mobile wallet services.
- Extensive global and regional market forecasts lasting until 2022.

Shipments of NFC-ready POS terminals reached 24.7 million in 2017

The world is continuously shifting from coin and paper-based payments such as cash and cheques to electronic forms such as payment cards and mobile phone payments. As a part of this evolution, POS terminals are becoming more and more common in all parts of the world. The global installed base of POS terminals grew to almost 109 million units in 2017. Market growth is primarily fuelled by the increasing adoption of electronic payments in emerging markets. Developed markets are relatively saturated in terms of POS terminal adoption.

Cellular connectivity has become a very popular option for POS terminals and was incorporated in 38 percent of the devices shipped in 2017. The wireless technology has an important role in facilitating the global adoption of electronic payments, as it enables the rollout of POS terminals to many new market segments and parts of the world where the fixed line telecommunications infrastructure is less developed. The installed base of cellular POS terminals reached 37.7 million in 2017. Berg Insight forecasts a CAGR of 10.1 percent between 2017 and 2022, resulting in a total of 61.0 million cellular POS terminals at the end of the forecast period.

The market for NFC-ready POS terminals continued to display strong momentum in 2017 with annual shipments reaching an estimated 24.7 million units worldwide. The attach rate for NFC was highest in EU28+2 and North America, where 90 percent and 88 percent of the POS terminals shipped featured NFC respectively. NFC was also a very popular feature in many other major markets worldwide including Brazil, Turkey and China. While the installed base of NFC-ready POS terminals has grown quickly, many of the terminals do still not have the contactless features turned on. Berg Insight estimates that approximately 30.0 million POS terminals accepted contactless payments with Visa payWave, MasterCard PayPass or UnionPay Quickpass at the end of 2017.

The mPOS market is today growing faster than the traditional POS terminal market and Berg Insight projects that the installed base of mPOS terminals worldwide will grow from 34 million units in 2017 to reach 86 million units by 2022. The installed base of NFC-ready mPOS terminals grew to 15.0 million units during 2017 as NFC penetration reached 44 percent worldwide. Berg Insight forecasts that the installed base of NFC-ready mPOS terminals will grow at a CAGR of 33.5 percent between 2017 and 2022 to reach 63.6 million units at the end of the forecast period.
This research report answers the following questions:

- What is the potential market size for wireless M2M communication in the retail industry?
- Which trends and developments are shaping the market?
- How many of the NFC-ready terminals have the contactless capabilities turned on?
- What are the market shares for the leading POS terminal vendors?
- How will emerging mobile wallet services affect the market?
- What is the attach rate for cellular connectivity in POS terminals by region?

Table of Contents

1 Introduction
  1.1 The card payments industry
     1.1.1 The transaction process in card payments
     1.1.2 Costs of a card payment transaction
     1.1.3 Revenue distribution in the card payments industry
     1.1.4 Card payments and household consumption expenditures
     1.1.5 Breakdown of household consumption expenditures
     1.1.6 Card payment volumes
  1.2 The POS terminal market
     1.2.1 POS terminal market data
     1.2.2 POS terminal form factors
  1.3 POS terminal vendors
     3.1 Vendor profiles and strategies
        3.1.1 BBPOS
        3.1.2 Bitel
        3.1.3 Castles Technology
        3.1.4 CCV
        3.1.5 Centerm
     3.1.6 CyberNet
     3.1.7 Equinox Payments
     3.1.8 ID Tech
     3.1.9 Ingenico
     3.1.10 Newland Payment Technology
     3.1.11 Nexgo
     3.1.12 PAX Technology
     3.1.13 REA Card
     3.1.14 Spire Payments
     3.1.15 SZZT Electronics
     3.1.16 VeriFone
     3.1.17 Worldline

2 Wireless M2M and NFC
  2.1 Evolution of electronic payments
     2.1.1 EMV migration
     2.1.2 Adoption of wireless M2M communication
     2.1.3 Rollout of NFC-ready terminals
  2.2 POS terminal market
     2.2.1 POS terminal market data
     2.2.2 POS terminal form factors

3 POS terminal vendors
  3.1 Vendor profiles and strategies
     3.1.1 BBPOS
     3.1.2 Bitel
     3.1.3 Castles Technology
     3.1.4 CCV
     3.1.5 Centerm

4 Forecasts and conclusions
  4.1 Market trends and drivers
     4.1.1 Steady uptake of wireless M2M
     4.1.2 Interest in NFC surges
     4.1.3 POS terminal app stores are a potential game-changer
     4.1.4 New technologies can transform the shopping experience
     4.1.5 The mPOS market segment is growing fast
  4.2 Market forecasts
     4.2.1 Cellular POS terminal market forecast
     4.2.2 NFC-ready POS terminal market forecast
     4.2.3 NFC-ready mPOS terminal market forecast

Glossary

Berg Insight offers premier business intelligence to the telecom industry. We produce concise reports providing key facts and strategic insights about pivotal developments in our focus areas. Berg Insight also offers detailed market forecast databases and advisory services. Our vision is to be the most valuable source of intelligence for our customers.

Report pricing
PDF 1-5 user license ........................................750 EUR
PDF corporate license......................................1500 EUR

To receive your copy:
1. Place an order online at www.berginsight.com
2. Email your order to: info@berginsight.com
3. Phone us at +46 31 711 30 91

Who should buy this research report?
POS Terminals and Wireless M2M is the foremost source of information about the adoption of wireless M2M solutions in the payments industry. Whether you are a device vendor, service provider, telecom operator, investor, consultant, or government agency, you will gain valuable insights from our in-depth research.

Related products
Retail M2M and IoT Applications
Connected Vending Machines
Digital Signage M2M and IoT Applications
The Global M2M/IoT Communications Market