

POS Terminals and Wireless M2M



POS Terminals and Wireless M2M is the fourth 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 fourth 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 2024.

Shipments of NFC-ready POS terminals reached 47.8 million in 2019

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 161 million units in 2019. 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 44 percent of the devices shipped in 2019. 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 66.0 million in 2019. Berg Insight forecasts a CAGR of 9.5 percent between 2019 and 2024, resulting in a total of 103.7 million cellular POS terminals at the end of the forecast period.

The market for NFC-ready POS terminals continued to display strong momentum in 2019 with annual shipments reaching an estimated 47.8 million units worldwide. The attach rate for NFC was highest in EU28+2 and North America, where 94 percent of the POS terminals shipped featured NFC. 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, some of the terminals do still not have the contactless features turned on. Berg Insight estimates that approximately 70.0 million POS terminals accepted contactless payments with Visa payWave, MasterCard PayPass or UnionPay Quickpass at the end of 2019.

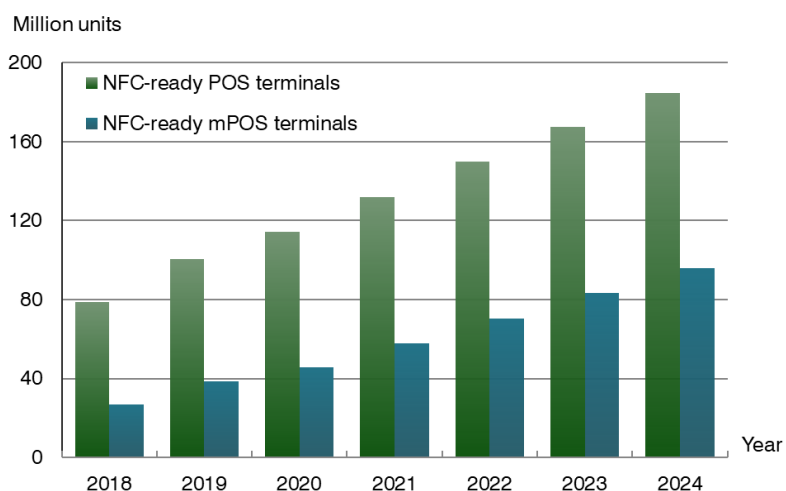
The mPOS terminal market is today growing faster than the traditional POS terminal market and Berg Insight projects that the installed base of mPOS terminals worldwide will grow from 69 million units in 2019 to reach 113 million units by 2024. The installed base of NFC-ready mPOS terminals grew to 38.6 million units during 2019 as NFC penetration reached 56 percent worldwide. Berg Insight forecasts that the installed base of NFC-ready mPOS terminals will grow at a CAGR of 20.0 percent between 2019 and 2024 to reach 96.1 million units at the end of the forecast period.

Berg Insight's M2M Research Series

What are the key business opportunities in the emerging wireless M2M/IoT market? Berg Insight's M2M Research Series is a unique series of 40 market reports published on a regular basis. Each title offers detailed analysis of a specific vertical application area such as smart homes, smart metering, fleet management and car telematics, or covers horizontal topics including IoT platforms, software, hardware, IoT connectivity statistics and the mobile operators' IoT strategies.

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?



Installed base of NFC-ready POS and mPOS terminals (World 2018–2024)

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 license750 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



Table of Contents ✨ POS Terminals and Wireless M2M

1	Introduction	3.1.7	Equinox Payments
1.1	The card payments industry	3.1.8	ID Tech
1.1.1	The transaction process in card payments	3.1.9	Ingenico
1.1.2	Costs of a card payment transaction	3.1.10	Itron Electronics
1.1.3	Revenue distribution in the card payments industry	3.1.11	MoreFun
1.1.4	Card payments and household consumption expenditures	3.1.12	Newland Payment Technology
1.1.5	Breakdown of household consumption expenditures	3.1.13	Nexgo
1.1.6	Card payment volumes	3.1.14	PAX Technology
1.2	The POS terminal market	3.1.15	REA Card
1.2.1	POS terminal market data	3.1.16	Spire Payments
1.2.2	POS terminal form factors	3.1.17	SZZT Electronics
		3.1.18	VeriFone
		3.1.19	Worldline
2	Wireless M2M and NFC	4	Forecasts and conclusions
2.1	Evolution of electronic payments	4.1	Market trends and drivers
2.1.1	EMV migration	4.1.1	Steady uptake of wireless M2M
2.1.2	Adoption of cellular IoT communications	4.1.2	NFC has become ubiquitous
2.1.3	Rollout of NFC-ready terminals	4.1.3	POS terminal app stores are a potential game-changer
3	POS terminal vendors	4.1.4	New technologies can transform the shopping experience
3.1	Vendor profiles and strategies	4.1.5	The mPOS market segment is growing fast
3.1.1	BBPOS	4.2	Market forecasts
3.1.2	Bitel	4.2.1	Cellular POS terminal market forecast
3.1.3	Castles Technology	4.2.2	NFC-ready POS terminal market forecast
3.1.4	Centerm	4.2.3	NFC-ready mPOS terminal market forecast
3.1.5	CyberNet		
3.1.6	Dspread Technology		
			Glossary