

Arvato Payments Review

Essential insights for e-commerce success in new markets



Cross-border e-commerce is opening up a world of opportunities for retailers. You can reach out to dozens of new markets, and find millions of new customers. E-commerce also puts a world of choice in the hands of consumers, who think nothing of going abroad to find what they want. They might be looking for a better price, a better selection or better service. Give them what they want, and the world is yours.

But you need to know what you are getting into. The consumers in your new markets can behave completely differently to the ones you know from home. You can't rely on experience from your home market when you are trying to win over and keep customers in another country. That's why we have produced the Arvato Payments Review, to provide you with the knowledge and insights you need when you are expanding into new markets.

How to succeed in cross-border e-commerce

The Arvato Payments Review brings together extensive quantitative research with insights from our experts to provide the big picture when it comes to Payment Methods, Risk and Fraud, and Consumer Behaviour in 14 of the most vibrant e-commerce markets in the world.

We examined more than 200 primary sources and compiled the most essential information into a convenient guide to each country. By combining the figures from a wide variety of research, we could provide a holistic view – rather than relying on a single source.

Each country guide looks at key demographics and financials, the top online retailers, legal requirements, and consumer behaviour and expectations when it comes to things like delivery and returns. We also look in detail at how consumers prefer to pay in each market, identifying local payment heroes and the optimal mix of payment methods.

As well as success factors, it is also important to understand the downsides. We take a close look at risks in each country in terms of the types of fraud that can emerge and what you can do to minimise your exposure.

In addition to the country guides, you can also compare markets in terms of key parameters to see how they stack up against each other.

Your customers are comparing you with your competitors

Comparison is at the heart of cross-border e-commerce. Smart consumers shop around, and with online shopping they know of a better deal with the click of a mouse or tap of their phones. The research in our Arvato Payments Review confirms our observation that some markets are more open to shopping across national borders, while others are more content with their local retailers. Why some and not others? For some markets, consumers are simply happy with what they can get locally: the selection, service and prices match their demands, so there is no need. But there are often other factors that play into this.

Arvato Payments Review



Trust is one of the big ones. Consumers who are reluctant to shop internationally are often concerned about how warranties and returns will work if they buy cross-border. There might even be an inherent bias towards local retailers, who consumers perceive to be more reliable, or faster, when it comes to delivery. Another important factor here is accessibility: markets such as France and Germany express a clear preference for sites in their own languages.

But even in more conservative markets, cross-border shopping is becoming more popular – when it is done well. It comes down to providing consumers with what they are looking for: better prices, more choice, a richer all-round experience. With the most successful cross-border retailers, consumers don't care if they are domestic or international: they get what they want, quickly, cheaply and efficiently.

The key is to remove as much friction as possible, knowing and anticipating consumer demands and wishes. That boils down to knowledge and insight into the market. What are the legal requirements? Do consumers want a site in their own language? Do they expect next-day delivery? How do they want to pay?

Finding the optimal payment mix

Payments are at the heart of this review. Our research confirms that local payment heroes are essential for successful business. If you don't use Carte Bancaire in France, or iDEAL in the Netherlands, or offer open invoice in Germany, you are not in the game. The insights we are offering go beyond which payment methods to provide: in some markets, you would be well advised to work with a local card acquirer so you don't miss out on conversions.

A local partner can help in other ways. This is especially important to retailers entering a new market and not only with payments but also logistics and deliveries, returns and customer service. Many retailers choose to work with a partner who can help in one or more of these areas, especially during launch, to assist with local insights and information, payments, logistics, and even service centres. It's a sure-fire way to hit the ground running and establish a good reputation among your new customers.

All this information is vital for you when entering new markets. And you will find it here. Once you know what to expect, your business will have a real competitive edge – regardless of where your customers are.

Contact

If you have questions or want to know more about what Arvato can do for you, you are welcome to contact Emma Solman, Marketing Manager:

emma.solman@arvato.com

About the Arvato Payments Review



The Arvato Payments Review provides retailers with country-specific information on payments and fraud-related topics in 14 of the most vibrant e-commerce markets in the world – 13 in Europe plus the USA – so they can make the right decisions in their e-commerce payment strategy.

The e-commerce payments landscape is becoming more and more fragmented. Not only do payment methods vary from market to market but consumers are becoming more sophisticated.

Alongside advances in technology, changes in banking regulation are clearing the way for new players to enter with solutions that are designed around convenience, safety and simplicity – all heavily supported by strong mobile adoption and advances in authentication technology such as biometric identification.

In this rapidly evolving world, retailers looking to expand their business internationally often lack objective insight into local market conditions as well as relevant advice on payments and risk management. The Arvato Payments Review provides that insight and advice.

Methodology

The Arvato Payments Review has been compiled by Arvato Financial Solutions, a division of Arvato Bertelsmann, and business consultancy mm1. The findings are based on secondary research and analysis by consulting firms such as McKinsey, BCG, and AT Kearney, as well as

reports from payments and e-commerce associations such as the Merchant Risk Council, facts and figures on e-wallets and other payment schemes and providers, and news articles. The Arvato Payments Review also features recommendations and advice from Arvato experts in the areas of payment methods, fraud and risk, and consumer behaviour.

Arvato Financial Solutions

Arvato Financial Solutions delivers a complete suite of financial services that improve business processes while delivering a better overall customer experience. Cutting-edge solutions covering everything from risk assessment, payments and invoicing to debt collection and management ensure conveniencein every transaction. Part of Arvato Bertelsmann, Arvato Financial Solutions is Europe's third-largest integrated financial service provider specialising in the retail/e-commerce, telecommunications, insurance, banking and healthcare industries.

finance.arvato.com

MM1

mm1 supports large companies in digital transformation and designing products and processes for an increasingly digital world. Some 50 consultants provide services ranging from developing connected business strategies and business models to ensuring efficient operational implementation. mm1's customers include companies in the telecommunications, media, consumer electronics, financial services and automotive industries.

mm1.com

How to read this report



Important definitions

Cross border sales: the percentage of domestic and cross-border e-commerce in a country.

Ease of Doing Business Index: The higher a country's ranking in the World Bank Group's Ease of Doing Business Index, the more business-friendly local regulations are when establishing a presence there.

E-commerce turnover is defined by the Global Online Measurement Standard for B2C E-Commerce. Accordingly, business-to-consumer e-commerce turnover includes all online transactions between businesses and consumers on desktop computers, laptops, tablets, smartphones, and other devices both offline and online. B2C e-commerce turnover includes value-added tax or other sales taxes, delivery costs and apps, but excludes returns.

eGDP: the proportion of goods and services bought online in comparison to GDP. The rankings stated come from e-commerce association Ecommerce Europe.

Fraud rate: the percentage of total sales lost because of fraud each year.

Logistics Performance Index: The World Bank's benchmarking tool *Logistics Performance Index* is a measure of a country's logistical friendliness with around 160 countries ranked on their trade logistics performance.

Mobile adoption: smartphone use as a percentage of the total population.

Mobile commerce: the ability to conduct commerce using a mobile device, for example mobile phone, smartphone, tablet or other mobile equipment.

Manual order review rate: the percentage of e-commerce transactions manually reviewed by retailers.

Explanatory notes

Issuer landscape: the percentage of traditional 3D Secure and risk-based authentication programs by market.

Market demographics: the local population over 15 years of age and the corresponding percentage of internet users and online shoppers.

Relevant payment methods

The term 'cards' includes both credit and debit cards. The number of consumers using a payment method is indicated by blue dots (one blue dot is equal to 10%).

'Trend' points to the future popularity of a payment method, whereas 'risk' indicates the level of threat associated with a payment method. Arvato uses the following symbols to give its assessment:

strong increase expected

no change expected

strong decrease expected

high risk

moderate risk

no risk



Austria

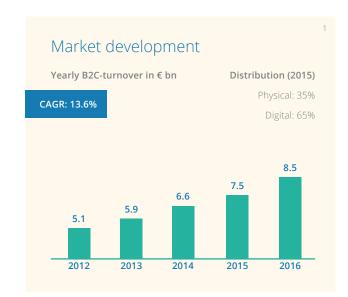




Market overview



Austria has a mature e-commerce market, with some of the highest cross-border sales in the world. Challenges include low connectivity in rural areas and a demanding consumer population.



Market demographics	2
Population > 15 years	7.4m
Internet users	85%
Online shoppers	58%
GDP per capita	38,000 €
spending per shopper & anno:	1,759 €

Top	o 10 retailers			3
1.	Amazon.at	6.	E-tac	
2.	Universal	7.	Amazon.com	
3.	Zalando	8.	НМ	
4.	Ottoversand	9.	Conrad	
5.	edusch	10.	Apple	

Assessment/Recommendations

Opportunities

Cross-border: Enter the Austrian market via your German shop presence.

E-commerce spending: Average per capita e-commerce spending is far above the European average.

Threats

Expect serious competition from local champions with significant market share and strong user loyalty.

Recommendations

- Be aware that the Austrian dialect might differ from standard German, and adjust product descriptions accordingly.
- Localise your online presence with respect to addresses, URLs and telephone numbers.
- Avoid duplicate content and use "rel="alternate" hre ang="Sprache" href="URL" />" tag to improve your Google ranking.

Market characteristics	4
Logistics performance index	14th
Ease of doing business index	12th
eGDP ranking	9th
Unemployment rate	5.7%
Inflation rate	0.8%

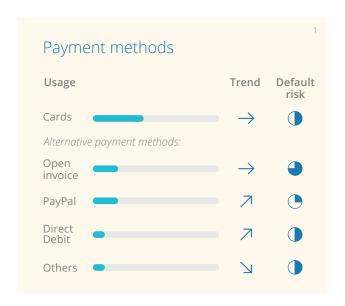


Payment Methods



Credit cards are relatively popular as they are seen as a secure method for cross-border payments.

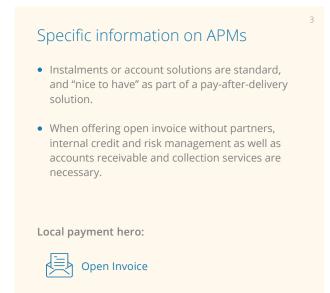
Open invoices, pay-after-delivery and PayPal are also popular payment methods.

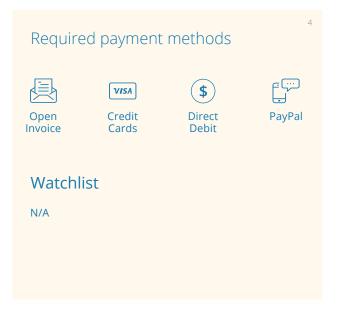


Arvato's take on this market

- Austria has a high number of cross-border e-shoppers who prefer credit card as it is perceived to be the easiest way to make international payments.
- Physical goods are preferably paid for via open invoice/pay-after-delivery or PayPal. Services and digital content are more often paid for via credit card or PayPal.
- If open invoice is not supported, payment conversion drops significantly (31%). PayPal should also be supported, as on average 19% of customers terminate their checkout process if it is not offered.
- Due to its size and the high share of e-commerce spending, Austria is very suitable as a test market for new products and shops.









Risk and Fraud



One peculiarity to Austria is that addresses are often organised by stairways and apartment numbers, without any names. This can facilitate fraud in urban areas.

Expert tip

Make sure that the billing address includes house number, stair number and apartment number

Card related fraud

N/A

Relevance of typical fraud scams

N/A

Arvato's take on this market

- Payment risk is expected to rise. Almost one in three respondents in Austria believe that risks from the company's debtors will increase over the coming 12 months, more than twice the average for Europe as a whole.
- Open invoice drives conversions but also increases the risk of fraud significantly. It is therefore recommended that retailers work with partners and outsource these risks.
- We observe that fraud strongholds are situated in large cities such as Vienna.
- 43% of Austrian retailers perceive cybercrime as a threat. More than 50% of Austrian merchants have introduced risk management tools to protect themselves against cybercrime.
- The "Stairway Problem": Apartment house addresses are often organised by stairways and apartment numbers without any names. This creates an issue with address fraud.
- Divergent shipping and billing address: Austrian law only allows retailers to pursue action against the person registered at the billing address, not the shipping address.

Risk management tools



Country-specific tools



Advanced tools

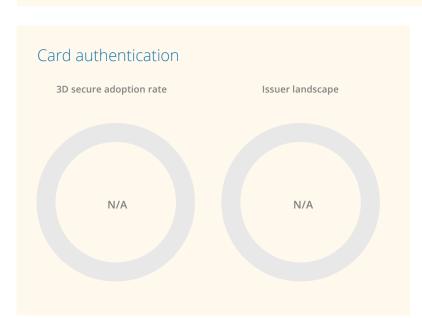
Device fingerprinting 3D secure



Classical tools

CVN

Negative lists







Consumer Behaviour



Consumers are used to shopping outside Austria for quality goods at a fair price. E-commerce is mostly active in urban areas. Austrians expect free delivery, but not free returns.



Cross border only 7%

Domestic only 15%





highest in the world.

• German merchants benefit most.

Cross border

- Your "buy" button needs to include the wording "Zahlungspflichtig bestellen" or similar.
- Certain information must be displayed before the customer reaches the "buy button".





Sources



The data contained in this report comes from a wide variety of sources, including financial reports, industry publications, blogs and news stories. During the course of our research we have consulted more than 200 national and international studies. You will find them here under the headings E-Commerce and Payment & Fraud. While every effort has been made to make sure the information presented in the report is reliable, we cannot be held responsible for its veracity. We do, however, stand by the opinions expressed in the report unreservedly.

E-commerce:

Adyen - Global E-Commerce Payments Guide

allpago - Ultimate Guideline for local and cross-broder payment processing in brazil

allpago - Online payments in Brazil 2015

allpago - Online payments in Columbia 2015

allpago - Online payments in Mexico 2015

deals.com - Internationale E-Commerce Studie 2015

COMEOS - Ecommerce Belgium 2015

CyberSource - Online payments China 2015

DIBS - Nordic E-Commerce 2014-15

DIBS - Denmark Ecommerce 2015

DIBS - Norwegian Ecommerce 2015

DIBS - Swedish Ecommerce 2015

Digital River - Build an E-Commerce Business in Brazil

Digital River - China, Global Payments Solutions & Ecommerce Solutions

Digital River - E-Commerce Germany

Digital River - Norway

Dyn - Global Consumer Online Shopping Expectations

Ecommerce Benchmark & Retail Report 2016

Ecommerce Community - Ecommerce Country Report Israel 2015

Ecommerce Community - Ecommerce Country Report South Africa 2015

Ecommerce Community - Ecommerce Country Report UAE 2015

Ecommerce Community - Ecommerce Country Report Russia 2016

Ecommerce Europe - Asia Pacific B2C E-Commerce Report 2016

Ecommerce Europe - Australia B2C E-Commerce Report 2016

Ecommerce Europe - Central Europe B2C Ecommerce Report 2015

Ecommerce Europe - Cross-Border E-Commerce Barometer 2016

Ecommerce Europe - Ecommerce Country Report Belgium 2016

Ecommerce Europe - Ecommerce Country Report Germany 2016

Ecommerce Europe - Ecommerce Country Report France 2016

Ecommerce Europe - Ecommerce Country Report Netherlands 2016

Ecommerce Europe - Ecommerce Country Report UK 2016

Ecommerce Europe - Ecommerce Country Report US 2016

Ecommerce Europe - E-Commerce in Poland 2014

Ecommerce Europe - European B2C E-Commerce Report 2016

Ecommerce Europe - Global B2C Ecommerce Report 2015

Ecommerce Europe - Latin America B2C E-Commerce Report 2015

Ecommerce Europe - Southern Europe B2C Ecommerce Report 2015

Ecommerce Europe - Northern Europe B2C Ecommerce Report 2015

Ecommerce Europe - Western Europe B2C Ecommerce Report 2015

Ecommerce Foundation - Democratization of Retail and the Rise of Global Marketplaces

Ecommerce Foundation - Cross Border E-Commerce Barometer

Ecommerce Foundation - MENA B2C Ecommerce Report 2014

Ecommerce in Poland 2014

Ecommerce Worldwide - Germany Passport 2015

Ecommerce Worldwide - Belgium & Netherlands Passport 2016

ECC Köln - B2B Marktplätze 2016

EY - Corporate misconduct - individual consequences

FHM - Competitive analysis of online Payment Service Providers in an international environment

Goldman Sachs - Updating the Goldman Sachs global ecommerce forecast

GTAI - fact sheet Ecommerce 2015

iBusinnes - Die größten Onlineshops Deutschlands 2015 iBusiness - Die größten Onlineshops Österreichs

2015 iBusinnes - Die größten Onlineshops Schweiz 2015 iBusiness - Payments Trends E-commerce 2015

Internet World - Ecommerce Markt Österreich 2015

IREU Top 500 - Top 500 Ecommerce and multichannel retailers

KPMG - Doing Business in Russia 2015

netz 98 - Zukunftsthemen im E-Commerce

Paypers - Cross-Border Ecommerce Report Australia 2016

Paypers - Cross Border Ecommerce Report China 2014 & 2015

Paypers - Cross Border Ecommerce Report Canada 2015

Paypers - Cross Border Ecommerce Report Columbia 2015

Paypers - Cross Border Ecommerce Report Germany 2014

Paypers - Cross Border Ecommerce Report France 2014

Paypers - Cross Border Ecommerce Report Israel 2015

Paypers - Cross-Border Ecommerce Report India 2016

Paypers - Cross Border Ecommerce Report Indonesia 2014

Paypers - Cross Border Ecommerce Report Italy 2014

Paypers - Cross Border Ecommerce Report Japan 2014

Paypers - Cross Border Ecommerce Report Mexico 2015

Paypers - Cross Border Ecommerce Report New Zealand 2015

Paypers - Cross Border Ecommerce Report Poland 2014-15

ICIAI SOLITIONS

Sources



Paypers - Cross Border Ecommerce Report Russia 2015

Paypers - Cross Border Ecommerce Report Singapore 2015

Paypers - Cross Border Ecommerce Report South Africa 2015

Paypers - Cross Border Ecommerce Report South Korea 2014

Paypers - Cross Border Ecommerce Report Thailand 2015

Paypers - Cross Border Ecommerce Report Turkey 2014

Paypers - Cross Border Ecommerce Report UAE 2015

Paypers - Ecommerce Payment Methods Report 2016

Paypers - Brazil

Postnord - E-Commerce in Europe 2015

postnord - E-Commerce in the Nordics 2016

postnord - E-Commerce in the Nordics six month report 2016

sagepay - Ecommerce Benchmark Report

Statista - E -Commerce in Austria

Statista - E-Commerce in Canada

Statista - E-Commerce in Germany

Statista - Ecommerce in Switzerland

Statista - E-Commerce in South Corea

Statista - E-Commerce in the US

Statista - E-Commerce weltweit Dossier

Statista - Economic Outlook Sweden

Statista - Statista Dossier Europa

Statista - Statista Dossier Sweden

Statista - Statista Dossier Poland

Statista - Statista Dossier United Kingdom

Statista - Statista Dossier South Korea

Statista - Top 5 foreign countries for online shopping in Sweden 2015

tecnocom - E-Commerce Payment Report 2014

votum - Online Kaufverhalten im B2B E-Commerce

Worldpay - Brazil Optimizing the only payment journey for shoppers 2015

XBC Country Report Austria 2013-14

XBC Country Report Germany 2013-14

Payment & Fraud:

Accertify - Augmenting 3-D Secure

Accertify - Fraud Management

Accertify - Merchant Risk Sell Sheet

Accertify - Payment Gateway

Accertify - Support Services

ACI - Managing Fraud in an Omni-Channel World

Adyen - Accept Android Pay in UK (Article)

Adyen - Alipay Payment Method Guide (Article)

Adyen - Boleto Payment Method Guide (Article)

Adyen - Boost your Business in Belgium with Bancontact

Adyen - Brazil Payments 2014

Adyen - Build your Business in Brazil with Boleto

Adyen - Country Payments Guide China

Adyen - Cross Border Payments

Adyen - Expand across Europe with SEPA Direct Debit (Article)

Adyen - France acquiring Guide 2015

Adyen - France B2C Ecommerce Report

Adyen - Global ecommerce payments Guide

Adyen - Grow in Germany with Giropay (Article)

Adyen - How Payments can drive your global expansion (Article)

Adyen - Mobile share of local payment methods approaches 50 percent (Article)

Adyen - More than a third of global transactions now mobile (Article)

Adyen - Optimizing payments for omni-channel commerce

Adyen - Payment Method Overview and Pricing

Adyen - Payment Methods (Article)

Adyen - Payment Methods Northamerica

Adyen - Payments in China

Adyen - Pricing Overview

Adyen - Risk Management

arvato - Entwicklung und Trends im Zahlungsverhalten 2015

arvato - Mobile Payments landscape

arvato - Fraud Management China eCommerce

arvato - Payment Methods in Middle East

arvato - online payment methods Netherlands

BCG - Global Payments 2015

BCG, Google - Digital Payments 2020

Capgemini - Payment Trends 2016

Capgemini - World Payments Report 2015

Cardinal Commerce - Payment (Infographic)

Cardinal Commerce - The truth about false positives

Cardinal Commerce - Use of Consumer Authentication in eCommerce Annual Survey

Confinpro - Zukunft oder Ende des Bankings

CyberSource - Annual Fraud Benchmark Report: A Balancing Act

CyberSource - North America Fraud Benchmark Report

CyberSource - Online Fraud Report 2012

CyberSource - UK E-commerce Fraud Report

SNOITH IOS INDIN

Sources



Deutsche Bundesbank - Zahlungsverhalten in Deutschland 2014

DIBS - Nordic E-Commerce 2015

Digital River - China, Global Payments Solutions & Ecommerce Solutions

Digital River - Norway

Digital Transactions - Fraud in the US (Article)

ECB - Interchange fees in card payments 2011

ECB - Payment Statistics

ECC - Payment im E-Commerce Vol. 19

Ecommerce Leitfaden - Ratenkauf im Ecommerce 2015

EHI - Distribution of Payment Systems Germany 2015

EU - Regulation on interchange fees for card-based transaction 2015

Exane BNP Paribas - Payment & Security

EY - Global Fraud Survey 2014

FirstData - Payeezy Tokenization ApplePay

FOM - Quo Vadis Payment Service Provider 2015

Gartner - Magic Quadrant for Web Fraud Detection

Gartner - Market Guide for Online Fraud Detection

heidelpay - Risk- and Fraud- Management Tools

Ingenico - global online fraud panorama 2016

ibi - Payment Barometer

ibi - Erfolgsfaktoren und Hindernisse bei M-Payment

ibi - Kosten der Kreditkarte

IBM - Payments Gateway

IFH Köln - Konsoldierung im Payment Markt 2015

Kount - Calculating the 9 deadly costs of fraud

Kount - Mobile Payments & Fraud: 2016 Report

Let's Talk Payments - Insights from the Global Payment Market (Article)

Lexis Nexis - True Cost of Fraud Study 2016

London Econonomics - Study on the impact of PSD 2011

Mastercard - US interchange rates 2016

McKinsey - Global Payments 2015

McKinsey - Payments in Asia

MIT Technology Review - The future of Money

Miura Systems - When worlds collide: Store staff and shoppers in retail today

Monetary policy & The Economy - Internet Payment behaviour Austria 2013

MRC - Brussels Omnichannel Payments

MRC - Europe Mobile Payments and Wallets

MRC - German Payment Landscape

MRC - Global Fraud Survey 2015

MRC - Global Fraud Survey Results

MRC - Global Payment Benchmark Report

MRC - Global Payment Survey 2016

MRC - Global Payment Survey Findings 2016

MRC - Cross Border Sales and Payments Russia 2015

Office Journal of the EU - Acquiring EU 2015

Nilson Report 2015 - 1068

Nilson Report 2015 - 1069

Nilson Report 2015 - 1071

PayPal - Cross Border Consumer Research Insights 2015

PayPal - Modern Spice Routes

Paypers - B2B Payments, supply chain Finance E-invoicing Market Guide 2015

Paypers - Brazil

Paypers - China

Paypers - Online Payments Market Guide 2015

Paypers - Ecommerce Payment Methods Report 2016

Payments UK - Understanding the different payment methods in the UK

Payments UK - World Class Payments 2016

Payvision - Mobile Payments report 2016

PYMNTS - Global Fraud Attack Index 2016

Raconteur - Future of Payments 2015

Shopanbieter.de - Vertrieb über Marktplätze 2015

shopanbieter.de - Ratgeber Rechnungskauf in Onlineshops

Statista - Credit Cards in the US

Statista - Online payment methods used by online shoppers in Denmark

Statista - Onlineshopping Payment US 2016

Statista - Preferred Digital Payment Methods in France 2015

Statista - Preferred Digital Payment Methods in Germany 2015

Statista - Preferred Digital Payment Methods in Netherlands 2015

Statista - Preferred Digital Payment Methods in Spain 2015

Statista - Preferred Digital Payment Methods in Sweden 2015

Statista - Preferred Digital Payment Methods in the UK 2015

Statista - Preferred Digital Payment Methods in the US 2015

Statista - Types of online payment in Finland 2015

Statista - Usage of digital payment services in Sweden 2015

TeleSign - Fraud Report 2014

ThreatMetrix - Cybercrime Report: Q1 2015

TSYS - German Consumer Payment Study 2016

Visa - Merchants Guide to risk management 2013

Worldpay - Global Payments report 2015

Worldpay - Fragmentation of Fraud