New Data Security Resources for **Small Merchants**

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Disclaimer

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Agenda



- Payment Security Landscape
- New Data Security Resources for Small Merchants
- PCI SSC Qualified Integrators and Resellers Program Updates
- Q&A Session

Payment Security Landscape

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Data Security Landscape

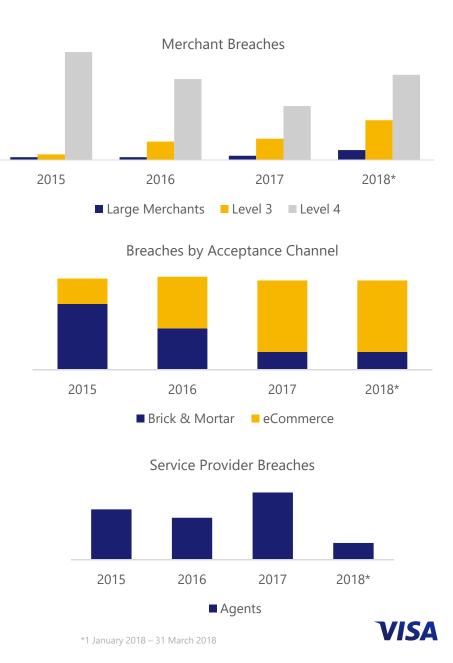
Breach Trends

Breach Types

- Small merchants targeted more frequently than other organizations
- Number and impact of e-commerce compromises is increasing

Moving Beyond Merchants

- Criminals increasingly targeting service providers and data aggregators
- Financial institutions targeted for access to cash vehicles (ATM Attacks)



What Does This Mean for Small Merchants?

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- Small merchants continue to be a primary target for criminals
- Common errors and missing security controls remain the leading cause of breaches
- Non-compliant service providers can place small merchants at higher risk of compromise



- Majority of small merchant breaches may be prevented with a few simple essential data security controls
- Visa maintains and publishes the Global Registry of Service providers to include registered, PCI DSS-validated agents
- PCI SSC recently published a new series of data security infographics and videos targeted to small merchants

New Data Security Resources for Small Merchants



New Data Security Resources for Small Merchants **PCI SSC Infographics**

Tips for Managing Top Vulnerabilities

Insecure Remote Access

WHAT'S THE RISK

meaning the vendor can access your systems remotely all the time.

REMOTE ACCESS BEST PRACTICES

To minimize the risk of being breached, it's important that you take a part in managing how and when your vendors can access you

Point-of-sale (POS) vendors will often support or troubleshoot merchant payment systems from

Their office and not from the business location. They do this using the internet and what's called "remote access" software products. Many of these products are always on or always available -

Many of these vendors use commonly known passwords for remote access, making it all too easy for

hackers to access your systems too. They scan the Internet for businesses with vulnerable remot access systems and once inside, use malware to steal valuable payment card data.

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for other customers.

PC

If you must allow remote access.

make sure your vendors use remote access credentials that

are unique to your business an

that are not the same ones used

0

veur business by requiring a

allow access to wireless. Hwere features, etc.

Username and passward plus another factor (like a smart card or dongle). A dongle is a handy device

The Guide to Safe Payments provides

businesses with security basics to protect against payment data theft.

Watch this quick animated video to

aam how husinesses can minimit

learn how businesses can minimize the chances of being breached by only allowing remote access when necessary, and using multi-factor

PC Securey

authentication

PAYMENT DATA SECURITY ESSENTIAL

#1

systems. Only allow ren

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Ask your vendors how to enable remote access for when they specifically

disable it when not needed.

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request 2 and how to

RESOURCES

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Secure Remote Access

Clean

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If you must allow remot

authentication to support

eccess, ask your vendors to

multi-factor

authantication

ute multi-factor

our business

endern resource can help usinesses get the information you

eed from your third party vendors

The PCI Qualified Integration and Receivers (CIR) but is a resource businesses can use to find payment system installers that have been

trained by the PCI Security Standards

Council on secure remote access

and other payment data security

PCI SSC C

Weak Passwords

PAYMENT DATA SECURITY ESSENTIAL

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**** Strong Passwords 81% Passwords are essential for computer and payment data security. But to be effective, they must be strong and updated regularly. Computer equipment and software out of the box (including payment equipment and come with vender default or preset passwords such as "password" or "admin", which are common known and easily exploited by criminals. (2017 Varian Care Brand PASSWORD BEST PRACTICES To minimize the risk of being breached, businesses should change vendor default passwords to strong ones, and never share them - each employee should have its own login ID and password. -0 **** Change your Don't share Make passwords hard to guess The most common perswords are "persword", "persword I" and "123486. Hackers try easily-guessed perswords because they're used by helf of all people. A strong persword has seen or more characters and words regularly passwords Treat your perseconds like a taothbrush. Don't let enyone else use them and get new ones every three months. nuist on each employee having its own login ID and p never share! conditional upper and lower case letters, numbers, and symbols (like 19752-1. A phose that incorporates numbers and symbols can also be a strong peasurem of the key's picking a phose with specific meaning to you so it's easy to immember like a favorate hobby; for example like RESOURCES businesses identify default pass change them. businesses with security basics to prot against payment class theft. PC ow businesses can m hances of being bree endor deletit cance ed by changing

PCI Security

Outdated Software





PCI SSC Data Security Essentials Video Series



Payment Data Security Essential: Secure Remote Access



Payment Data Security Essential: Strong Passwords



Payment Data Security Essential: Patching

All Videos Available Directly on the PCI Security Standards Council's **D** YouTube Page



www.youtube.com/user/PCICouncil

PCI SSC Qualified Integrator and Reseller Program Update



Qualified Integrators and Resellers Program Update

- The PCI QIR program provides guidelines, training and qualification on security controls related to the installation of merchant payment systems
- PCI SSC is introducing program revisions to focus on the leading causes of small merchant breaches
- Changes also designed to increase the value of certification and expand opportunity for user participation



STREAMLINED CERTIFICATION for integrators and resellers:

- Reduced Cost
- Shorter Course Time
- Individual Certification



FOCUSED TRAINING on the 3 leading causes of payment data breaches:

- Weak Password Practices
- Insecure Remote Access
- Unpatched and Outdated Software



MERCHANTS BENEFIT by:

 Increased Pool of Integrators and Resellers Trained in Critical Security Controls

QIR Program Changes Result in **NO** Impact to Visa's Small Merchant Security Compliance Requirements

Visa Data Security Resources



Visa Data Security Resources

Visa Online Merchant Tool Kit provides helpful information to make a seamless EMV transition

- Streamline your chip migration <u>www.VisaChip.com/businesstoolkit</u>
- Visa Data Security Website <u>www.visa.com/cisp</u>
 - Alerts, Bulletins
 - Best Practices, White Papers
 - Past Webinars

Visa Global Registry of Service Providers <u>www.visa.com/onthelist</u>

- List of registered, PCI DSS validated third party agents
- PCI Resources for Small Merchants https://www.pcisecuritystandards.org/merchants/
 - Guide to Safe Payments, Common Payment Systems, Questions to Ask your Vendors
 - Payment Data Security Essential: Video and Infographics

PCI Security Standards Council Website www.pcissc.org

• Data Security Standards, Qualified Assessor Listings, Data Security Education Materials

