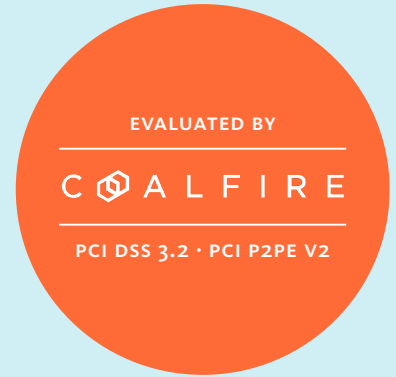


Point-to-Point Encryption

Industry-leading 2048-bit RSA encryption — with no P2PE fees.



No P2PE Fees

Some providers offer their solutions with or without security. Not Index. P2PE is an integrated and free part of our standard payment solution.

Protect Card Data from the Moment of Use

Index uses industry-leading 2048-bit RSA encryption, asymmetric keys and periodic key rotation to secure in-store transactions from the moment of card use.

1234 5678 9012 3456	1234 5693 7810 3456	4282A31F0FF96C478A785B4EC4815DC1D0C8C81879V BA27547AE402F8B4964148B76A3899310A548BE888 F0F48FA9C4FC34908436770E5D1C49D8C84A51DA 8C16CAB81C2827DA133C79869A71496B75991BAA780 4614F37872AD056C6651FED2A5072981CEC89062 A69C1898CAFDC07EFBF17168CA41C2457E588BAA 8540A35A9A7ABC8B39D44F1012625845095EA652AA C3CF3E32A3F83B118620ED4440FEA0BE7916A578F CF39AF6F7EFA91043A0A5D2C3AC4A6E77881AD0F 0C880CA8844D558C72C8C4927C33D076054D37327 6187D0CA8BC1D8646F68F9A331895901656D13869C 463A37EBE84AC279ACFB05D63DD8A762CD2A
Original Credit Card	Format-Preserving Encryption	Index 2048-Bit RSA Encryption

2048-Bit RSA Encryption Protects the Full Card Non-format-preserving encryption protects the full card, significantly improving security and reducing the Payment Card Industry Data Security Standard (PCI DSS) controls that retailers have to manage. This is a dramatic improvement from the industry standard format-preserving encryption, which only encrypts part of the card.

- Industry-Leading Security
- Decreased Vulnerability & Risk
- Simplified PCI DSS Compliance
- Simplified Key Deployment & Management
- No P2PE Fees

TECHNICAL ASSESSMENT
CAL FIRE

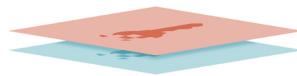


Point-to-Point Encryption (P2PE)

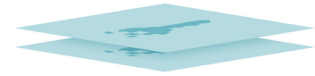
“Index P2PE is a comprehensive, modular, and flexible solution designed to provide merchants with strong encryption of payment card data from the point of capture to the point of decryption at their gateway, payment processor, or acquirer.”

Coalfire Technical Assessment

Asymmetric Key Encryption Simplifies Deployment Public / private key pairs enhance security and simplify PIN pad management. By comparison, symmetric key encryption employs a single key for encryption and decryption, creating security risks and compliance burdens — keys must be loaded in a Key-Injection Facility (KIF), and PIN pads are subject to costly audits in transit and in storage.



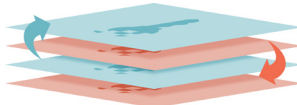
Asymmetric Key Encryption



Symmetric Key Encryption

Periodic Key Rotation via Public Key Infrastructure (PKI)

Enhances Security A key management process established by the US Government secures the distribution, rotation and revocation of encryption keys without the logistical complexity and cost of a KIF. Index’s proprietary PIN pad application enables secure key rotation based on configurable parameters like time and transaction count. Keys at the end of their life can be replaced with a remote update — no shipping, additional costs, or downtime.



Periodic Key Rotation

Coalfire Technical Assessment

Coalfire Systems — a respected, independent PCI P2PE QSA — evaluated Index P2PE to the current PCI DSS 3.2 requirements and PCI P2PE V2 standards. Coalfire concluded that Index P2PE is a robust solution that can be used by merchants to dramatically reduce risk and applicability of PCI DSS controls.