

FCBCRYPTO software provides inexpensive row level data encryption for Oracle database Enterprise and Standard Edition 11g, 12c and 18c versions, where Oracle Advanced Security option¹ is not available or too expensive².

Key features:

- Row level encryption
- SQL and PL/SQL data types supported
- AES128|192|256³ encryption technique for string⁴, lob⁵, bfile (including check sum)⁶ and raw⁷ data types
- OTP⁸ encryption technique for number⁹ and date data types
- Data compression for string, lob and raw data types
- USB Security Token¹⁰ supported
- Written in PL/SQL language¹¹
- Single and multi-byte char sets supported
- All editions of Oracle 11g, 12c, 18c database supported
- UNIX like operating systems (Linux, AIX, Solaris)¹² and Windows supported
- External database key storage. No any keys stored within constant database objects
- Database key operations performed in-memory only
- Centralized in-memory database key management
- Lightweight, fast and reliable
- Easy textual installation wizard¹³
- No named user license nor license per processor required. Only license per database instance
- Try-and-buy¹⁴

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- 1 Oracle Advanced Security
- 2 Oracle Technology Global Price List December 8, 2017
- 3 Advanced Security Standard
- 4 char, nchar, varchar2, nvarchar2, string
- 5 blob, clob, nclob
- 6 via external OpenSSL library for UNIX like operating systems only
- 7 raw, long, long raw
- 8 One-time pad
- 9 number, float
- 10 A Wikipedia article Linux operating systems only
- 11 main code excluding external modules written in C or JAVA programming languages
- 12 It wasn't tested on HP HP-UX, but most probably software will work
- 13 for UNIX like operating systems only
- 14 60 day trial period