

(a) Official ISO entry name for the algorithm {ISO standard 9979 blic(24)}

ISO 9979/0024

(b) Name peculiar to an algorithm which the proposer or the owner gave

BLIC

(c) The scope within which the algorithm was meant

Confidentiality

(d) Code interface parameter

```
short FileCrypt(char * InputFileName, char * OutputFileName,  
                char * Key, short Mode)
```

(1) return value

-1: encrypt or decrypt successfully  
not -1: encrypt or decrypt failed

(2) argument

InputFileName  
source file name  
OutputFileName  
destination file name

Key  
encrypt key

Mode

1: encrypt  
2: decrypt

```
short StrCrypt(char * InputString, short StringLength, char * OutputString,  
               char * Key, short Mode)
```

(1) return value

-1: encrypt or decrypt successfully  
not -1: encrypt or decrypt failed

(2) argument

InputString  
pointer to input string buffer  
StringLength  
size of input/output string buffer  
OutputString  
pointer to output string buffer

Key:  
encrypt key

Mode

1: encrypt  
2: decrypt

(e) Inspection data for basic function

plain text:

5B 8F DA 8D D7 5D 20 83 5E 83 75 82 FO 83 4E 83  
8A 83 62 83 4E 82 B5 81 41 5B 88 F3 8D FC 90 E6  
82 CC 83 7C 81 5B 83 67 5D 20 83 7B 83 62 83 4E  
83 58 82 CC 89 BA 8C FC 82 AB 96 EE 88 F3 82 FO  
83 4E 83 8A 83 62 83 4E OD OA 82 B5 82 DC 82 B7  
81 42

Key:

54 68 69 73 20 69 73 20 61 20 74 65 73 74

cipher:

6B 9B ED OB 19 1D D8 71 C2 9E D9 28 05 46 5C 03  
2B BA 75 4C B6 75 42 74 97 62 E3 1C 7E 04 DB A5  
E6 85 2E AD 2D 30 13 96 AE 3A 23 25 05 4C 8E EA  
71 E3 OD 1B 19 AF 83 D6 6E 22 71 E0 OE 63 C3 C2  
FB A5 5B F8 E6 4E 8A 10 E6 83 90 5B 6D CE 49 72  
7E 37

(f) Discernment information of the organization which demanded registration of an algorithm

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(g) Date of registration and modification

1st February 2001

(h) Distinction of it being the object of a domestic standard

It is not the object of the present Japanese domestic standard.

(i) Restrictions information about use of a patent right

All the exclusive concessions about the patent belong to BSY CO.,Ltd,  
and any use concerned will under the contract of BSY CO.,Ltd.

(j) Table of the reference data of all related algorithm

Japanese patent 2000-226083 (applying)  
This document will be provided for public reading on Dec 2001.

(k) Description about an algorithm

It opens to the public by patent description.

(l) Use mode

BLIC algorithm is belong to CBC mode stream cipher.