

# **SEED Algorithm**

## **Object Identifiers**

# Object Identifiers Specification for SEED

• 1(ISO) - 2(Member-body) – 410(Korea)

OID					NAME	DESCRIPTION
200004					Kisa	Korea Information Security Agency
200004	1				Algorithm	Algorithm
200004	1	3			seedECB	SEED ECB mode
200004	1	4			seedCBC	SEED CBC mode
200004	1	5			seedCFB	SEED CFB mode
200004	1	6			seedOFB	SEED OFB mode
200004	1	7			seedMAC	MAC with SEED
200004	1	10			seedECBwithHAS160	Key Generation with HAS160 and Encryption with SEED ECB mode
200004	1	11			seedCBCwithHAS160	Key Generation with HAS160 and Encryption with SEED CBC mode
200004	1	12			seedCFBwithHAS160	Key Generation with HAS160 and Encryption with SEED CFB mode
200004	1	13			seedOFBwithHAS160	Key Generation with HAS160 and Encryption with SEED OFB mode
200004	1	14			seedECBwithSHA1	Key Generation with SHA1 and Encryption with SEED ECB mode
200004	1	15			seedCBCwithSHA1	Key Generation with SHA1 and Encryption with SEED CBC mode
200004	1	16			seedCFBwithSHA1	Key Generation with SHA1 and Encryption with SEED CFB mode
200004	1	17			seedOFBwithSHA1	Key Generation with SHA1 and Encryption with SEED OFB mode
200004	7				Application	Application
200004	7	1	1	1	CMSseedWrap	Key wrapping of SEED in CMS

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< Figure : SEED's OID structure >

