OpcSecurityAlgorithm Enum

Namespace: Opc.UaFx
Assemblies: Opc.UaFx.Advanced.dll

Defines the different algorithms supported to describe the Uri of a specific OpcSecurityPolicy and through that the type of message encryption used by that security policy.

C#

```
[Obfuscation]
public enum OpcSecurityAlgorithm
```

Inheritance Object › ValueType › Enum › OpcSecurityAlgorithm

Attributes ObfuscationAttribute

Fields

Name	Value	Description
Auto	0	The Algorithm and Uri used by a OpcSecurityPolicy is determined according to the OpcSecurityMode used.
Custom	1	The Algorithm referred to by Uri used by a OpcSecurityPolicy does not refer to one of the OPC UA predefined security policies.
None	2	The URI 'http://opcfoundation.org/UA/SecurityPolicy#None' is used by the Uri of a OpcSecurityPolicy and expresses that **no security** is to be used.
Basic128Rsa15	3	The URI 'http://opcfoundation.org/UA/SecurityPolicy#Basic128Rsa15' is used by the Uri of a OpcSecurityPolicy and expresses the **use of (not longer secure) security** using RSA-15 as the key wrap algorithm and 128-bit Basic for message encryption.
Basic256	4	The URI 'http://opcfoundation.org/UA/SecurityPolicy#Basic256' is used by the Uri of a OpcSecurityPolicy and expresses the **use of security** using 256-bit Basic for message encryption.
Basic256Sha256	5	The URI 'http://opcfoundation.org/UA/SecurityPolicy#Basic256Sha256' is used by the Uri of a OpcSecurityPolicy and expresses the **use of security** using SHA-256 for the signature digest and 256-bit Basic for message encryption.
Https	6	The URI 'http://opcfoundation.org/UA/SecurityPolicy#Https' is used by the Uri of a OpcSecurityPolicy and expresses the **use of security** using an encryption layer of SSL/TLS to protect messages. ATTENTION: This security algorithm is (not) yet supported by OPC UA.

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