

Masterpiece Studio BI (1st Cryptosystem)

1st Advanced Software Licensing Development, Distribution & Automated Cryptographic System

Summary

ARP Global: 1st release, 2020 / Last revision: Jan/6/2026

Masterpiece Studio Business Intelligence & Management Information System 5000 2026 Multi Licensing and versions. 250,000 Ln of Source Code inside the software. New Masterpiece Symmetric Cryptographic Service Provider. The most powerful Automated Cryptographic System with Easy one clicks methodology. Cryptographic Application Programming Interfaces (CAPI) with all legal standards. New experimental Advanced Encryption Standard 168 bits CSP algorithm.

1st "New" powerful symmetric cryptographic service provider (dynamic-link library)

Licensing Algorithm, Plain Text, Advanced Encryption Standard (AES), Rijndael, Triple Data Encryption Standard (TDES), Data Encryption Standard (DES), Rivest Cipher (RC2). Also, stream algorithm to protect files using AES/Rijndael 256, 192, 128. Both contain MPPUID x2.

Compatible using the following methods:

1. Stream Reader - can read the file in current location and decrypt it for validation process. In this time only decipher for security reasons, but can be modify encrypt/decrypt "One click".
2. Plain text - can read the file in current location, decrypt it for validation process and present information using Text box 1 on interface or Form 1. In this time only decipher for security reasons, but can be modify encrypt/decrypt "One click".
3. 2 powerful .DLL with source code in C# and VB.NET programming language, simplified.

Important: Add as new reference in current project. Invoke external function from internal process.

MPPUID explanation by developer

Why the most powerful CSP symmetric algorithm with MPPUID by MPSTUDIOBI?

Attention users: "Next generation of symmetric algorithms, by MPSTUDIOBI" The password or secret key generated using (PBKDF1) algorithm in this symmetric encryption can be shared as asymmetric algorithm. Because the powerful protection not depending of password. Rather Masterpiece Password Unique Identifier (MPPUID). The MPPUID is independent in this time using the extension of the Password Based Key Derivation Function (PBKDF1) algorithm. If unknown users try to validate the license using all specifications and password, the recursive process "decryption" STOPPED. MPPUID is required.

Masterpiece Password Unique Identifier [MPPUID] Strongest x2, Unbreakable x2

This security option represents a unique identifier per each masterpiece password. Only alphanumeric or numeric license, service code and file protection system. Indeed, combine this method, a new series of Unicode strings after the password protection. The protection is strongest and better as a shield.

Common license + CSP Symmetric Encryption by default = Strongest, Unbreakable Common license + CSP Symmetric Encryption by default = Strongest, Unbreakable + MPPUID = Strongest x2, Unbreakable x2. Because symmetric password + a new series of Unicode strings encrypted added in the same length.

Password: 0123456789 using PBKDF1 + Encrypted password or secret phrase: 41D4zmUhpM/VGs371Vp6BQ== using PBKDF1 = New powerful anti-cracking technology, classified level, high, legal, experimental, protection x2.

Page 2 - Manual – Instructions – Specifications – 250,000 Ln Source Code - ALL (SOFTWARE) LAUNCHER TOOL TIPS AND COMPONENTS CONTAINS SPEECH (VOICE) TECHNOLOGY. BY ARP

How it works?

If "MPPUID" button pressed before the debugging process, the same identifier is required to validate the license with previous algorithm settings and specifications. If not, can cause errors in license validation process.

If "MPPUID" button not pressed before the debugging process, is not required identifier and the license only use the password protection with previous algorithm settings and specifications.

Legal standard

MPPUID is not considerate part of legal Password Based Key Derivation Function (PBKDF1) algorithm approved by the respective security agency. Only an exclusive method after password protection by MPSTUDIOBI. Is fully secure and not represents risk or bad grade. A new sequence of Unicode strings added.

General Information

1. 1st new powerful cryptographic service provider symmetric algorithm combinations, strongest, unbreakable by default.
2. 1st new powerful Masterpiece Password Unique Identifier (MPPUID) "Experimental", security method after cryptographic service provider algorithm password, more strongest x2, unbreakable x2 exclusive by MPSTUDIOBI.
3. 1st new powerful anti-cracking technology using new symmetric cryptographic service provider:

Advanced File Protection System [Stream Algorithm + MPPUID x2]

Advanced Encryption Standard (AES), also known called Rijndael: 256, 192, 128 bits, Hash: Secure Hash Algorithm set by default, not represents the same method of algorithm used in plain text, fully different, Cipher mode: Cipher Block Chaining (CBC), Cipher Feedback (CFB), Electronic Codebook (ECB), Padding mode: ANSI923, ISO10126, PKCS7, Zeros. Encryption/Decryption, status: OK

Specifications and identifiers in Masterpiece: Algorithm, Password, Hash, Key Size, Secret Key, Initialization Vector, Padding Mode, Grade, Legal Size, Information.

Automated Cryptographic System [Licensing Algorithm, Plain Text + MPPUID x2]

Advanced Encryption Standard (AES): $64 \times 3 = 192$ bits, New "Experimental" $64 \times 2 = 128 + 40 = 168$ bits derivate key, $64 \times 2 = 128$ bits, Hash: Message Digest (MD2) 128 bits, Hash: Message Digest (MD4) 128 bits, Hash: Message Digest (MD5) 128 bits, Secure Hash Algorithm (SHA1) 160 bits, Secure Hash Algorithm (SHA256) 256 bits, Secure Hash Algorithm (SHA384) 384 bits, Secure Hash Algorithm (SHA512) 512 bits, Cipher mode: Cipher Block Chaining (CBC), Electronic Codebook (ECB), Padding mode: ANSI923, ISO10126, PKCS7, Zeros. Encryption/Decryption, status: OK

Rijndael: $64 \times 3 = 192$ bits, New "Experimental" $64 \times 2 = 128 + 40 = 168$ bits derivate key, $64 \times 2 = 128$ bits, Hash: Message Digest (MD2) 128 bits, Hash: Message Digest (MD4) 128 bits, Hash: Message Digest (MD5) 128 bits, Secure Hash Algorithm (SHA1) 160 bits, Secure Hash Algorithm (SHA256) 256 bits, Secure Hash Algorithm (SHA384) 384 bits, Secure Hash Algorithm (SHA512) 512 bits, Cipher mode: Cipher Block Chaining (CBC), Cipher Feedback (CFB), Electronic Codebook (ECB), Padding mode: ANSI923, ISO10126, PKCS7, Zeros. Encryption/Decryption, status: OK

MPSTUDIOBI Global: 1st release, 2020 | Last revision: 7/15/2021

Triple Data Encryption Standard (TDES): 192, 168, 128 bits, Hash: Message Digest (MD2) 128 bits, Hash: Message Digest (MD4) 128 bits, Hash: Message Digest (MD5) 128 bits, Secure Hash Algorithm (SHA1) 160 bits, Secure Hash Algorithm (SHA256) 256 bits, Secure Hash Algorithm (SHA384) 384 bits, Secure Hash Algorithm (SHA512) 512 bits, Cipher mode: Cipher Block Chaining (CBC), Cipher Feedback (CFB), Electronic Codebook (ECB), Padding mode: ANSI923, ISO10126, PKCS7, Zeros. Encryption/Decryption, status: OK

**Page 3 - Manual – Instructions – Specifications – 250,000 Ln Source Code - ALL (SOFTWARE)
LAUNCHER TOOL TIPS AND COMPONENTS CONTAINS SPEECH (VOICE) TECHNOLOGY. BY ARP**

Data Encryption Standard (DES): 64 bits, 56 bits +8 not used by algorithm, only if errors have been detected. Hash: Message Digest (MD2) 128 bits, Hash: Message Digest (MD4) 128 bits, Hash: Message Digest (MD5) 128 bits, Secure Hash Algorithm (SHA1) 160 bits, Secure Hash Algorithm (SHA256) 256 bits, Secure Hash Algorithm (SHA384) 384 bits, Secure Hash Algorithm (SHA512) 512 bits, Cipher mode: Cipher Block Chaining (CBC), Cipher Feedback (CFB), Electronic Codebook (ECB), Padding mode: ANSI923, ISO10126, PKCS7, Zeros. Encryption/Decryption, status: OK

Rivest Cipher (RC2): 128, 120, 112, 104, 96, 88, 80, 72, 64, 56, 48, 40 bits, Hash: Message Digest (MD2) 128 bits, Hash: Message Digest (MD4) 128 bits, Hash: Message Digest (MD5) 128 bits, Secure Hash Algorithm (SHA1) 160 bits, Secure Hash Algorithm (SHA256) 256 bits, Secure Hash Algorithm (SHA384) 384 bits, Secure Hash Algorithm (SHA512) 512 bits, Cipher mode: Cipher Block Chaining (CBC), Cipher Feedback (CFB), Electronic Codebook (ECB), Padding mode: ANSI923, ISO10126, PKCS7, Zeros. Encryption/Decryption, status: OK

Specifications and identifiers in Masterpiece: Algorithm, Password, Hash, Key Size, Initialization Vector, Derivation Key, Padding Mode, Grade, Legal Size, Information.

4. 1st advanced software licensing, distribution & automated cryptographic system "Easy one click"
5. 1st new beginning of symmetric cryptographic service provider, fast encryption/decryption.
6. 1st new anti-cracking technology reliable against any cracking tool, math techniques, illegal keygen.
7. 1st automated cryptographic system using cryptographic service provider control characters.
8. 1st business intelligence with methodology "Easy one click" "on components and instructions.
9. 1st business intelligence with speech technology, automatic steps and error list.
10. 1st business intelligence with automatic programmable execution in real time.
11. Unlimited licenses combinations using the cryptographic service provider random alphanumeric and numeric characters, "Not typical random strings".
12. Legal instrument and licenses types as: BETA, DSOFT, FREE, FULL, OEM, RC, RTM, RTW, SHARE, TRIAL, 30 days.
13. Automatic computer and memory optimizer. Required in software Ln 100,000+ and process. "Easy one click"
14. Automated cryptographic tester. Required on csp control characters. "Easy one click"
15. Automatic simple mail transfer protocol (SMTP) creator. "Easy one click"
16. Automatic portable document format creator, 5000 licensing packages. "Easy one click"
17. Automatic forms document format creator. 5000 licensing packages. "Easy one click"
18. Hypertext licensing format creator. Online service using SMTP. "Easy one click"
19. Automatic licensing key file creator. 5000 licensing packages. "Easy one click"
20. Automatic burning system creator... "Easy one click"
21. Automatic source code creator "Not available BETA, Experimental" "Easy one click"
22. Creativity, imagination, innovation, without exaggeration.
23. First business technology with great utilities.

MASTERPIECE - AUTOMATED [DEBUGGING] PROCESS "EASY ONE CLICK METHODOLOGY"

An automated cryptographic system that converts alpha and numeric strings based on your settings in control characters to generate strong software licenses using the implementation provided by the cryptographic service

Page 4 - Manual – Instructions – Specifications – 250,000 Ln Source Code - ALL (SOFTWARE) LAUNCHER TOOL TIPS AND COMPONENTS CONTAINS SPEECH (VOICE) TECHNOLOGY. BY ARP

provider (CSP). Also, the most secure method against any cracking tool, math techniques, illegal keygen or related using high grade algorithms based on legal standards as Advanced Encryption Standard (AES), Rijndael, Triple Data Encryption (TDES), Data Encryption Standard (DES) and Rivest Cipher (RC2).

Why unknown users?

Some programmers or developers may attempt to understand alphanumeric or numeric license values and create illegal keygen to validate components or software without paying for the complete and official version. Your license is protected and very hard to decipher without requirements or components and algorithm specifications with cracking technology. Better privacy, security and protection.

Masterpiece - Automated [Debugging] Process "Easy one click methodology"

An automated cryptographic system that converts alpha and numeric strings based on your settings in control characters to generate strong software licenses using the implementation provided by the cryptographic service provider (CSP). Also, the most secure method against any cracking tool, math techniques, illegal keygen or related using high grade algorithms based on legal standards as Advanced Encryption Standard (AES), Rijndael, Triple Data Encryption (TDES), Data Encryption Standard (DES) and Rivest Cipher (RC2).

Why unknown users?

Some programmers or developers may attempt to understand alphanumeric or numeric license values and create illegal keygen to validate components or software without paying for the complete and official version. Your license is protected and very hard to decipher without requirements or components and algorithm specifications with cracking technology. Better privacy, security and protection.

Debugging modes:

Alphanumeric and Numeric License Batch - Create only lots of alphanumeric and numeric licenses in the same time.

ANL - Alphanumeric and Numeric License - Create only a lot of alphanumeric and numeric license in the same time.

ANLFB - Alphanumeric and Numeric License File Batch - Create only lots of alphanumeric and numeric license files in the same time.

ANLF - Alphanumeric and Numeric License File - Create only an alphanumeric and numeric license file in the same time.

ANLN - Alphanumeric and Numeric License Network - Create only an alphanumeric and numeric license using SMTP in the same time.

ALB - Alphanumeric License Batch - Create only lots of alphanumeric licenses.

AL - Alphanumeric License - Create only a lot of alphanumeric licenses.

ALFB - Alphanumeric License File Batch - Create only lots of alphanumeric license files.

ALF - Alphanumeric License File - Create only an alphanumeric license file.

ALN - Alphanumeric License Network - Create only an alphanumeric license using SMTP in the same time.

NLB - Numeric License Batch - Create only lots of numeric licenses.

NL - Numeric License - Create only a lot of numeric licenses.

NLFB - Numeric License File Batch - Create only lots of numeric license files.

NLF - Numeric License File - Create only a numeric license file.

**Page 5 - Manual – Instructions – Specifications – 250,000 Ln Source Code - ALL (SOFTWARE)
LAUNCHER TOOL TIPS AND COMPONENTS CONTAINS SPEECH (VOICE) TECHNOLOGY. BY ARP**

NLN - Numeric License Network - Create only a numeric license using SMTP in the same time.

Masterpiece - Automated [Autorun] Process "Easy one click methodology"

What is Autorun process?

Utility which executes any function on masterpiece control panel using timer to start in specified time.

Is the most comprehensive tool and usable for business when the staff are busy or execute multiple tasks in same time, ideal for coffee break, snack or lunch time.

How it works?

Set the hour, minutes and seconds and then press on any function in masterpiece control panel. The auto run process will start when the timer has expired and run the selected option. Also, remain activated to be executed the next day is great idea, but you must change the power option or create a new plan.

Example: Put the computer to sleep, never. If not, the computer will sleep automatically and the function cannot be completed.

Example of auto run compilation process:

1. On debugging mode section, create alphanumeric and numeric license compilation with service code automatically using execution in real time.
2. On license key file section, create single, network and storage package automatically using execution in real time.
3. On hypertext licensing file section. send a license package as online service and distribution automatically using execution in real time. Network connection is required.
4. On source code section, create source code package, editable automatically using execution in real time.
5. On email section (simple mail transfer protocol wizard) create a single email message automatically using execution in real time. Network connection is required.
6. On portable document format and forms document format, create a single, network and storage licensing package automatically using execution in real time.
7. On burning system section, burn to disc or DVD portable document format and forms document format license package, license key file, source code package, automatically using execution in real time.

Finally, this utility is recommended and necessary using on small or large business with multiple tasks, minimize hard work, get free time and more long time of productivity. Masterpiece software per each employee will increase your service and support.

Masterpiece – Automated Control Characters “Easy one click methodology”

Page 6 - Manual – Instructions – Specifications – 250,000 Ln Source Code - ALL (SOFTWARE) LAUNCHER TOOL TIPS AND COMPONENTS CONTAINS SPEECH (VOICE) TECHNOLOGY. BY ARP

Provides editable alphanumeric or numeric options, enable or disable characters, customize text boxes and type of legal license.

All text boxes editable. You can create your own custom license and save it permanently. Also, unlimited combinations and methods.

The trial period at 30 days. This automated license generator creates a random license per each text box except the extended spaces, using the Cryptographic Service Provider.

Provides editable alphanumeric or numeric options, enable or disable characters, customize text boxes and type of legal license. All text boxes editable. You can create your own custom license and save it permanently. Also, unlimited combinations and methods. The trial period at 30 days. This automated license generator creates a random license per each text box except the extended spaces, using the Cryptographic Service Provider.

How it works?

Example: How the automated cryptographic system adds numeric confirmation per each function and component.

Cryptographic Service Provider (CSP) Confirmation: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9

Example: Alphanumeric license using unlimited combinations and security methods before algorithm implementation.

Alphanumeric

Random Alpha Strings – Activate or deactivate alpha characters using cryptographic service provider strings.

Random Numeric Strings: - Activate or deactivate numeric characters using cryptographic service provider strings.

Uppercase Chaining: - Create alphanumeric license with “UPPERCASE” characters using cryptographic service provider strings.

Symmetric Block Chaining: - Activate or deactivate characters in current length using symmetric process from cryptographic service provider.

Automatic Symmetric Length Detector: - Represents an automatic alphanumeric symmetric length changer all text boxes using random strings from the cryptographic service provider. Set all text boxes in the same time. Helps to set automatically the symmetric validation method. Check on alphanumeric license length settings.

Symmetric Length Detector Mode: - Represents an automatic alphanumeric symmetric length changer per each textbox using random strings from the cryptographic service provider. Set all textboxes in the same time. Helps to set automatically the symmetric validation method. Check on alphanumeric license length settings.

Symmetric Block Chaining Mode:

1. Represents the current alphanumeric symmetric block chaining as “A1 B1 C1 D1 E1 F1 G1 H1” set by default.
2. Represents the current alphanumeric symmetric block chaining as “1A 1B 1C 1D 1E 1F 1G 1H” set by default.

License Editable Mode: - Enable or disable text box function using masterpiece automated cryptographic system. Only editable mode.

Symmetric Validation Method: - Get and export only alphanumeric symmetric validation method from each text boxes.

Secret Combination: - Get and export only alphanumeric secret combination from the cryptographic service provider based on your settings.

Page 7 - Manual – Instructions – Specifications – 250,000 Ln Source Code - ALL (SOFTWARE) LAUNCHER TOOL TIPS AND COMPONENTS CONTAINS SPEECH (VOICE) TECHNOLOGY. BY ARP

Secret Combination Exception: - Don't set alphanumeric secret combination from the cryptographic service provider based on your settings in text boxes.

Random Numeric Strings – Activate or deactivate numeric characters using cryptographic service provider strings.

Symmetric Block Chaining – Activate or deactivate characters in current length using symmetric process from cryptographic service provider.

Automatic Symmetric Length Detector – Represents an automatic numeric symmetric length changer all text boxes using random strings from the cryptographic service provider. Set all textboxes in the same time. Helps to set automatically the symmetric validation method. Check on numeric license length settings.

Symmetric Length Detector Mode – Represents an automatic numeric symmetric length changer per each textbox using random strings from the cryptographic service provider. Set all textboxes in the same time. Helps to set automatically the symmetric validation method. Check on numeric license length settings.

Symmetric Block Chaining Mode

1. Represents the current numeric symmetric block chaining as "12 12 12 12 12 12 12 12" set by default.
2. Represents the current numeric symmetric block chaining as "21 21 21 21 21 21 21 21" set by default.

License Editable Mode – Enable or Disable text box function using masterpiece automated cryptographic system. Only editable mode.

Symmetric Validation Method – Get and export only numeric symmetric validation method from each text boxes.

Secret Combination – Get and export only numeric secret combination from the cryptographic service provider based on your settings.

Secret Combination Exception – Don't set numeric secret combination from the cryptographic service provider based on your settings in text boxes.

Service code

Random Numeric Strings – Activate or deactivate numeric characters using cryptographic service provider strings.

Secret Combination – Get and export only numeric secret combination from the cryptographic service provider based on your settings.

Secret Combination Exception – Don't set the service code secret combination based on your settings from heading text box.

Automated Cryptographic System

Confirmation – Activate or deactivate numeric characters using cryptographic service provider strings.

Cryptographic Service Provider (CSP) Confirmation: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9

Example: Alphanumeric license using unlimited combinations and security methods before algorithm implementation.

Common License: Z7S6P0A9F7G4K0T3-B9X5W3A8F9K2J6F4-Q5K1F5K8W3J0D6G7-B9N0D0J3H1O4A0E5-N5D3O4A7W6T9Q2D1

Extended License: 1Z7S6P0A9F7G4K0T3-1B9X5W3A8F9K2J6F4-1Q5K1F5K8W3J0D6G7-1B9N0D0J3H1O4A0E5-1N5D3O4A7W6T9Q2D1

Editable License: MP00000000000001-MP00000000000002-MP00000000000003-MP00000000000004-MP00000000000005

**Page 8 - Manual – Instructions – Specifications – 250,000 Ln Source Code - ALL (SOFTWARE)
LAUNCHER TOOL TIPS AND COMPONENTS CONTAINS SPEECH (VOICE) TECHNOLOGY. BY ARP**

Symmetric License: A0000000000000001-B0000000000000002-C0000000000000003-D0000000000000004-E0000000000000005

Legal Instrument – License: Z7S6P0A9F7G4K0T3-BETA-Q5K1F5K8W3J0D6G7-B9N0D0J3H1O4A0E5-N5D3O4A7W6T9Q2D1

Legal Instrument – Trial License: Z7S6P0A9F7G4K0T3-TRIAL-Q5K1F5K8W3J0D6G7-B9N0D0J3H1O4A0E5-N5D3O4A7W6T9Q2D

Example: Numeric license using unlimited combinations and security methods before algorithm implementation.

Common License: 72393094702355-72284027942673-90018594782673-80225393792649-59450248927495-23563574264932

Extended License: 072393094702355-072284027942673-090018594782673-080225393792649-059450248927495-023563574264932

Editable License: 00000001234567-00000001234567-00000001234567-00000001234567-00000001234567-00000001234567

Symmetric License: 010203040506070-010203040506070-010203040506070-010203040506070-010203040506070-010203040506070-010203040506070

Custom License: 1000000000000001-2000000000000002-3000000000000003-4000000000000004-5000000000000005-6000000000000006

Example: Numeric service code using unlimited combinations and security methods before algorithm implementation.

Common Service Code:

72393094702355767228402794267389900185947826739480225393792649275945024892749573235635742

Custom Service Code with Heading: ARP-7228402794267389-9001859478267394-8022539379264927-5945024892749573-235

Custom Service Code, Heading and Secret Chars: ARP-010101-9001859478267394-8022539379264927-5945024892749573-23

Masterpiece – Automated Software Licensing Key File Creator “Easy one click methodology”

Create strong file licensing using high grade algorithm with password to better protection. Also, implements a cryptographic random number generator (RNG) using the implementation provided by the cryptographic service provider (CSP). Very hard try to decipher both security methods and validate hidden alphanumeric or numeric key and create an illegal keygen or related.

Example of license key file:

Friday,6/22/2012 9:20:04 AM | Confirmation: KFL01670603839530817373168 | Company: [Here]

Application: Your application name

Description: Your application description

Product: Your product name

Copyright: Your legal copyright

Trademark: Your legal trademark

Page 9 - Manual – Instructions – Specifications – 250,000 Ln Source Code - ALL (SOFTWARE)
LAUNCHER TOOL TIPS AND COMPONENTS CONTAINS SPEECH (VOICE) TECHNOLOGY. BY ARP

Comment: Your personal comment

File Version: Your product version

License Type: BETA Version

/// Product Activation and License Information ///

---- [BEGIN SIGNATURE] ----

[Here]

---- [END SIGNATURE] ----

---- [BEGIN Alphanumeric License Encrypted] ----

[Here]

---- [END Alphanumeric License Encrypted] ----

---- [BEGIN Numeric License Encrypted] ----

[Here]

---- [END Numeric License Encrypted] ----

---- [BEGIN Service Code Encrypted] ----

[Here]

---- [END Service Code Encrypted] ----

Specifications:

LEGAL INSTRUMENT – LICENSES TYPES

Support: Your email | Website: your website

Masterpiece – Automated Hypertext Software Licensing Format “Easy one click methodology”

Represents hypertext software licensing service using the masterpiece Simple Mail Transfer Protocol (SMTP) to send via internet directly for customers your product license without access your email account in web browser. A new professional service, usable, innovated and easy to use just with one click. Increase your productivity, less time, fast online support, excellent business presentation and style.

Your company logo

Product Activation and License Information | Tuesday,10/9/2012 3:58:02 PM | HTLF0561909966540174 | Your company

Hypertext Software Licensing

Masterpiece Studio Business Intelligence Release to Web (RTW)

Alphanumeric License Encrypted:

[Here]

Numeric License Encrypted:

[Here]

Page 10 - Manual – Instructions – Specifications – 250,000 Ln Source Code - ALL (SOFTWARE) LAUNCHER TOOL TIPS AND COMPONENTS CONTAINS SPEECH (VOICE) TECHNOLOGY. BY ARP

Service Code Encrypted:

[Here]

Specifications:

Algorithm: Alphanumeric: - AES 192 bits – Numeric: N/A – Service Code: - AES 192 bits

Password: Alphanumeric: - PBKDF1 – Numeric: PBKDF1 – Service Code: - PBKDF1

Cipher Mode: Alphanumeric: - CBC – Numeric: CBC – Service Code: - CBC

Hash: Alphanumeric: - SHA1 – Numeric: SHA1 – Service Code: - SHA1

Derivation Key: Alphanumeric: - TripleDES – Numeric: TripleDES – Service Code: - TripleDES

Padding Mode: Alphanumeric: - PKCS7 – Numeric: PKCS7 – Service Code: - PKCS7

Grade: Alphanumeric: - High – Numeric: High – Service Code: - High

Legal Size: Alphanumeric: - Approved – Numeric: Approved – Service Code: - Approved

Genuine: Alphanumeric: - Verified – Numeric: Verified – Service Code: - Verified

Sale or Trade: Alphanumeric: Allowed – Numeric: Allowed

Lic Type: Alphanumeric: COMMON – Numeric: COMMON

LEGAL INSTRUMENT – LICENSES TYPES

Product Download Link

<http://www.mpstudobi.com/files/theme/yoursoftware.exe>

Your legal copyright | Your trademark | Your email support | Your website

Masterpiece – Automated SMTP Creator “Easy one click methodology”

Represents a network assistant using simple mail transfer protocol (SMTP) used to send instant messages with attachment, licensing directly for customers without access your email account using any browser. Is the most suggested utility for business strategy, increase productivity, service and support more fastest.

Example:

From: Name youremail@address.com

To: yourcustomer@address.com

Date: Tue, Nov 13, 2012 at 2:47 PM

Subject: Subject: Product Activation and License Information

File Properties:

IP Sender: 192.168.0.196

Attachment Properties: File Hash Code: -500225694

File Media Type: application/octet-stream

File Name: licensing.pdf

File Creation: 6/22/2012 9:41:54 PM

Page 11 - Manual – Instructions – Specifications – 250,000 Ln Source Code - ALL (SOFTWARE)
LAUNCHER TOOL TIPS AND COMPONENTS CONTAINS SPEECH (VOICE) TECHNOLOGY. BY ARP

File Modification: 6/22/2012 7:33:26 PM

Last Access Time: 6/22/2012 9:41:54 PM

Parameters: 3

Body:

Your name

Job position

Your business area

Company full address

Location

Zip code

Email address

Phone number

Website

1 attachment

licensing.pdf

9K View Download

2 attachment

licensing.pdf

9K View Download

3 attachment

licensing.pdf

9K View Download

Masterpiece – Automated Source Code Creator “Easy one click methodology”

Represents the masterpiece algorithms validation source code using the implementation provided by the cryptographic service provider with all legal standards and specifications exclusive for customers with limitations of use according in copyright material from the proprietary software and the contract between you identified as “The user” and ARP with respective masterpiece studio developer as “Owner” in this time. Responsibility of use based in the following important points.

Source code agreement and limitations

1. If you agree and run the Masterpiece Studio, accept full responsibility for the consequences of improper usage of the source code.
2. Redistribution, re-sale, price based in algorithms grades, hash, cipher mode, padding mode as additional price or cost, individual sale, personal profit or related are disallowed.

**Page 12 - Manual – Instructions – Specifications – 250,000 Ln Source Code - ALL (SOFTWARE)
LAUNCHER TOOL TIPS AND COMPONENTS CONTAINS SPEECH (VOICE) TECHNOLOGY. BY ARP**

3. Source code only for you “The User” per computer, device and removable drive without re-distribution or intentional loss. Full responsibility is required in this case.
4. Source code symmetric algorithms represent complex functionality from the Cryptographic Service Provider (CSP) “As” is strictly confidential. You, “The User” be careful with disclosure of the source code provided by ARP. Any modification out of legal parameters or standards are disallowed and ARP with respective masterpiece studio developer as “Owner” not responsible, no claims, no court presentations, demands or legal aspects responsibility by you.
5. Promote any illegal action against the Cryptographic Service Provider (CSP), computer system, operating system or components are full responsibility by you.

ARP. Grant the access to download and get masterpiece software with the past conditions and is not responsible if is used as illegal tool. Any claims in this case are disallowed.

Masterpiece – Automated [Document] Licensing Creator “Easy one click methodology”

How it works?

Easy, click on PDF or FDF creator button in single mode and get the license package with all previous settings and send it for your customers using masterpiece contact support and customer service or directly on customer management system. If you using storage mode, all packages ready for next time. Masterpiece provides a different functionality, creating custom license packages, with the focus on a different methodology with better usability, manageability and accessibility. Also, protect the document information against piracy of copyrighted, creator, and others. This using high grade encryption. The PDF and FDF by default provide AES 128 as maximum-security algorithm, but Masterpiece re-encrypt the strings with new AES 128 but in this case Cipher-block chaining and password, very hard to decipher by unknown users. Finally, add your signature or secret phrase using QR Code Technology and protected with double high-grade algorithm to prevent plagiarism.

Wednesday,9/12/2012 9:13:18 PM | PDF01670603839530817373168 | Your company

CONFIDENTIAL

Product Activation and License Information

Alphanumeric License Encrypted:

[Here]

Numeric License Encrypted:

[Here]

Service Code Encrypted:

[Here]

Specifications:

Algorithm: Advanced Encryption Standard (AES) 192 bits

Password: Password Based Key Derivation Function (PBKDF1 algorithm)

Cipher Mode: Cipher Block Chaining (CBC)

Hash: Secure Hash Algorithm (SHA512)

Cryptographic Derivation Key: Triple Data Encryption Standard (TripleDES)

Page 13 - Manual – Instructions – Specifications – 250,000 Ln Source Code - ALL (SOFTWARE)
LAUNCHER TOOL TIPS AND COMPONENTS CONTAINS SPEECH (VOICE) TECHNOLOGY. BY ARP

Padding Mode: Public-Key Cryptography Standards #7 padding

Grade: High Grade Algorithm based on standards

Legal Size: Cryptographic algorithm passed all symmetric standards.

Sale or Trade: Alphanumeric: Allowed – Numeric: Allowed

Genuine: All information on this document has been verified.

Lic Type: Alphanumeric: COMMON – Numeric: COMMON

LEGAL INSTRUMENT – LICENSES TYPES

8.50 x 11.00 in | Letter | Your email | Your website

Masterpiece – Automated [Licensing] Management System “Easy one click methodology”

Provides multiples options to generate alphanumeric, numeric licenses and service code selection using ON/OFF switch. Here, you controlling if the function can create normal or encrypted licenses. This option applicable only into: Debugger, Licensing Key File, Hypertext Licensing, PDF and PDF licensing package.

BETA Version

Preview inspection, maybe appear common errors. Usually contains all components and features but is not necessary. It's the first product presentation only for demonstration. Sale or trade under this period are disallowed.

DSOFT Version

Non-profit organizations, associations, private or public office and government are allowed but, in this case, must be established as voluntary contribution without particular interest. Sale or trade to obtain benefits are disallowed.

FREE Version

No payment, sale or related. Usually make a voluntary contribution as good product, service or supports are allowed. Is not free software concept of foundation, only a free software license for users.

FULL Version

All components and features, final product for sale, distribution, installation, update.

OEM Version

Computers with pre-installed operating system, sale or trade, distribution, installation, update are allowed.

RC Version

Final product for sale or trade, distribution, installation and update are allowed.

RTM Version

Software package, volume, production. Final product, sale or trade are allowed.

RTW Version

Package via download link after the payment, service and support more quickly. Update and accessible new version all the time via internet.

SHARE Version

Page 14 - Manual – Instructions – Specifications – 250,000 Ln Source Code - ALL (SOFTWARE) LAUNCHER TOOL TIPS AND COMPONENTS CONTAINS SPEECH (VOICE) TECHNOLOGY. BY ARP

Users can evaluate the product with basics functions. Complete version makes a payment. Distributions under these conditions are allowed.

Trial Version

Users can evaluate the product with basics or complete functions during a period of time established. Usually 30 days after activation. Sale or trade, any kind of payment or transaction under this evaluation are disallowed. After complete the trial period, buy, order now, or related buttons are allowed.

Legal agreement “Audio”

Click on launcher button to export only this agreement for customers in (.wav) format

Masterpiece – Automated Licensing [CSP Protection] System “Easy one click methodology”

What is Cryptography?

The most secure method to protect sensitive data related on information security based in strict confidentiality, In this time, masterpiece software protects each license using high grade of algorithm implementation on the cryptographic service provider using an automated cryptographic system. The result is impressive, unique and exclusive by ARP. Probably any person with knowledge in programming language can try understand the function of alphanumeric or numeric license. Combine this method, the license encrypted with password provides a shield of protection based on high-grade encryption to keep hidden the original license.

Masterpiece tips!

If you combine masterpiece studio with any secure PE “Portable Executable Protector” you can share your product via internet fully protected against the software crackers, unknown users and cracking tools without opportunity. This if possible only with licenses created with masterpiece.

What is hash algorithm?

In moderns cryptography process set as binary strings an arbitrary length.

MD2: ef1fedf5d32ead6b7aaf687de4ed1b71

MD4: c58cda49f00748a3bc0fcfa511d516cb

MD5: 202cb962ac59075b964b07152d234b70

SHA1: 40bd001563085fc35165329ea1ff5c5ecbdbbeef

SHA256: a665a45920422f9d417e4867efdc4fb8a04a1f3fff1fa07e998e86f7f7a27ae3

SHA384:

9a0a82f0c0cf31470d7affede3406cc9aa8410671520b727044eda15b4c25532a9b5cd8aaf9cec4919d76255b6fb00f

SHA512:

3c9909afec25354d551dae21590bb26e38d53f2173b8d3dc3eee4c047e7ab1c1eb8b85103e3be7ba613b31bb5c9c36
214dc9f14a42fd7a2fdb84856bca5c44c2

What is cipher mode

In cryptographic process, specifies the block of cipher to use for encryption and decryption.

Cipher mode example:

Cipher block chaining (CBC) – In this cryptographic process available.

Page 15 - Manual – Instructions – Specifications – 250,000 Ln Source Code - ALL (SOFTWARE) LAUNCHER TOOL TIPS AND COMPONENTS CONTAINS SPEECH (VOICE) TECHNOLOGY. BY ARP

Cipher Text Stealing (CTS) – In this cryptographic process not available.

Cipher Feedback (CFB) – In this cryptographic process available.

Electronic Codebook (ECB) – In this cryptographic process available.

Output Feedback (OFB) – In this cryptographic process not available.

What is padding mode?

In cryptographic process, the number of bytes requires in the final block a sequence of additional bytes in order of completing the length and strings.

My Data: AA AA AA AA AA AA AA AA AA = 9 length

X923 padding: AA AA AA AA AA AA AA AA 00 00 00 00 00 00 00 07 = 9 length + zeros before length

PKCS7 padding: AA AA AA AA AA AA AA AA 07 07 07 07 07 07 07 07 = 9 length + equal of padding number

ISO10126 padding: AA AA AA AA AA AA AA AA 7F 2B 73 BF E8 DE 07 = 9 length + random data before the length

Zeros padding: zero bytes added in data length

Masterpiece – Automated Burning System “Easy one click methodology”

A device or utility that can record and burn to compact disc, CD-Recordable (CD-R), CD-Rewritable (CD-RW) or removable drive data, personal information, licensing packages, document, pictures, more.

How it works?

Add a new file in masterpiece cd/dvd burning system or use the removable drive recorder.

1. Using the option “Burn CD/DVD” the data or sensitive information prepared to recording process.
2. Using the option “Eraser CD/DVD” after burn to disc the data or sensitive information erroneously, you can remove it and clean the disc. Only the data in same location.
3. Using the option “Format CD/DVD” preparing the compact disc or dvd with new format “Volume label”.
4. Using the option “Write USB 2.0” the data or sensitive information prepared to recording process.
5. Using the option “Eraser USB 2.0” after burn to disc the data or sensitive information erroneously, you can remove it and removable drive. Only the data in same location.
6. Using the option “Delete All USB 2.0” restore removable drive by default in factory conditions.

Masterpiece – Instructions on Components

Debugging – Instructions

Here, you generate unlimited security methods, unlimited software licenses combinations with control characters using the masterpiece cryptographic service provider.

Debugging process with "Easy One Click Method". Also, email security options and settings.

1. Select the method to generate software licenses as alphanumeric and numeric with service code.

Please read each specification on component.

Page 16 - Manual – Instructions – Specifications – 250,000 Ln Source Code - ALL (SOFTWARE) LAUNCHER TOOL TIPS AND COMPONENTS CONTAINS SPEECH (VOICE) TECHNOLOGY. BY ARP

2. Add control characters and information on Masterpiece - Automated Cryptographic System

Alphanumeric Licensing Protection System, Masterpiece - Automated Cryptographic System

Numeric Licensing Protection System and Masterpiece - Automated Cryptographic System

Service Code Protection System depending your selection.

3. Using the autorun process to generate a programmable execution in real-time.

4. Press on start button to generate a new software license with all previous settings.

5. Press on fast button if you desire generate software license more faster. Indeed, press on slow button in normal mode.

6. Please listen on speech technology automatic instructions on components.

Control Characters - Instructions

Required advanced practice before the licenses compilations. If not, maybe problem in symmetric or CSP random validation. The license will send directly for customers using multiple options of masterpiece studio.

Depending your settings here, the same validation settings in your product using the source code."

For practice, press on "ACTON" Automated Cryptographic Tester button in debugging section.

Here, you generate unlimited security methods, unlimited software licenses combinations, editable on text box, symmetric, CSP random strings and more using the masterpiece cryptographic service provider. Control characters with "Easy One Click Method" and automated cryptographic system.

1. Read each component carefully to understand how it work, practice, method to generate software licenses as alphanumeric and numeric with service code. Please read each specification on component.

2. Using the autorun process to generate an programmable execution in real-time.

3. Please listen on speech technology automatic instructions on components.

License Key File - Instructions.

Here, you generate license key file with "Easy One Click Method" and multiple storage options and network services.

1. Select the method to generate the license key file as; single or storage, network and using the file extension. Please read each specification on component.

2. Add custom features into license key file on Masterpiece - Automated Cryptographic Licensing Key File System.

3. Add the quantity of licenses on legal instrument with license type.

4. Press on creator button to generate a new license key file with all previous settings.

5. Please listen on speech technology automatic instructions on components.

**Page 17 - Manual – Instructions – Specifications – 250,000 Ln Source Code - ALL (SOFTWARE)
LAUNCHER TOOL TIPS AND COMPONENTS CONTAINS SPEECH (VOICE) TECHNOLOGY. BY ARP**

Hypertext Licensing Format - Instructions.

Here, you generate hypertext license format with "Easy One Click Method" only via network services.

1. Please insert network credentials "Sign in" and Configure Email Port SSL (SMTP, POP), Simple Main Transfer Protocol Client and Post Office Protocol Client correctly on Masterpiece - Contact Support and Customer Service.

Select the method to generate the license key file as; network and using the file Please read each specification on component.

2. Add custom features into license key file on Masterpiece - Automated Cryptographic Licensing Key File System.

3. Add the quantity of licenses on legal instrument with license type.

4. Press on creator button to generate a new hypertext license format with all previous settings.

5. Please listen on speech technology automatic instructions on components.

Notice: Masterpiece will use your network credentials only to activate the "Step 1" and save it in current location under strict confidentiality encrypted and protected using "MPPUID", Advanced Encryption Standard 192 bits, Cipher Block Chaining (CBC) and Public-Key Cryptography Standards #7 (PKCS7) against unknown users.

Example: Suppose that your computer has been hacked by any person or network risks.

The intruder cannot view your current credentials, because only masterpiece can validate it during execution.

Important: Network connection is required.

Source Code Creator - Instructions "Available RTW, Release to Web"

Here, you generate automatically the source code package to validate components, algorithms and security methods applied in the following masterpiece sections with "Easy One Click Method".

Masterpiece - Automated Cryptographic System - Alphanumeric Licensing Protection System

Masterpiece - Automated Cryptographic System - Numeric Licensing Protection System

Masterpiece - Automated Cryptographic System - Service Code Protection System

Masterpiece - Automated Cryptographic System - Licensing Key File Protection System

1. Select the method to generate the source code package with previous settings on the past components mentioned.

2. Using the autorun process to generate a programmable execution in real-time.

3. After generate the source code package, check into masterpiece source code section C# and VB.net in this time. Maybe next time with C++ or related. Also, if you are programmer, can create your own source code based in masterpiece components. Just learn more about masterpiece symmetric and CSP validation methods.

4. Please listen on speech technology automatic instructions on components.

Portable Document Format / Forms Document Format - Instructions

Here, you generate PDF and FDF licensing package with "Easy One Click Method" and multiple storage options and network services.

1. Select the method to generate the license package as;

Page 18 - Manual – Instructions – Specifications – 250,000 Ln Source Code - ALL (SOFTWARE) LAUNCHER TOOL TIPS AND COMPONENTS CONTAINS SPEECH (VOICE) TECHNOLOGY. BY ARP

PDFCSM - PDF Creator Single Mode

PDFCNM - PDF Creator Network Mode

PDFFPS - PDF File Protection System Mode

PDFCBM - PDF Creator Batch Mode

FDFCSM - FDF Creator Single Mode

FDFCNM - FDF Creator Network Mode

FDFFPS - FDF Quick Single Creator Mode

FDFCBM - FDF Creator Batch Mode

DOCFCB - DOC File Creator Batch Mode

2. Add custom features into license package on Masterpiece - Automated Cryptographic System – Portable Document Licensing System

3. Add the quantity of licenses on legal instrument with license type.

4. Press on creator button to generate a new PDF or FDF license package with all previous settings.

5. Please listen on speech technology automatic instructions on components.

SMTP Creator - Instructions.

Here, you generate Simple Mail Transfer Protocol (SMTP) service with "Easy One Click Method".

Also, email security options and settings.

1. Select the method to generate the email service as; simple and with file attachment.

Please read each specification on component.

2. Add custom features into email options on Masterpiece - Automated Cryptographic System Contact Support and Customer Service.

3. Using the autorun process to generate an programmable execution in real-time.

4. Press on creator button to generate a new email service with all previous settings.

5. Please listen on speech technology automatic instructions on components.

Licenses Options – Instructions

Here, you select the following components as alphanumeric or numeric and service code. Export licenses as QR Code Technology. Also, activate or deactivate the automated cryptographic system in licensing key file, hypertext licensing format, portable document format (PDF) or forms document format (FDF). Also, add the legal instrument as; BETA, DSOFT, FREE, FULL, OEM, RC, RTM, RTW, SHARE, TRIAL. Check into Alphanumeric License Generator II.

1. Select the method to generate only alphanumeric or numeric license and service code.

Please read each specification on component.

2. Select the method to protect the licensing package ON/OFF. Please read each specification on component.

**Page 19 - Manual – Instructions – Specifications – 250,000 Ln Source Code - ALL (SOFTWARE)
LAUNCHER TOOL TIPS AND COMPONENTS CONTAINS SPEECH (VOICE) TECHNOLOGY. BY ARP**

3. Add the legal instrument per each licensing package as; BETA, DSOFT, FREE, FULL, OEM, RC, RTM, RTW, SHARE, TRIAL. Check into Alphanumeric License Generator II.
4. Please listen on speech technology automatic instructions on components.

Algorithm Password Protection - Instructions

Here, you add automatically the password and protection applied into the following masterpiece sections with "Easy One Click Method".

Masterpiece - Automated Cryptographic System - Alphanumeric Licensing Protection System

Masterpiece - Automated Cryptographic System - Numeric Licensing Protection System

Masterpiece - Automated Cryptographic System - Service Code Protection System

Masterpiece - Automated Cryptographic System - Licensing Debugger Protection System

Masterpiece - Automated Cryptographic System - Licensing Key File Protection System

Masterpiece - Automated Cryptographic System - Hypertext Licensing Protection System

Masterpiece - Automated Cryptographic System - Portable Document Licensing System

1. Select the high-grade algorithm, hash, cipher mode and padding mode.

2. Insert your custom password and confirm or using the masterpiece CSP password generator.

3. Your password encrypted with all previous settings and specifications.

4. Please listen on speech technology automatic instructions on components.

Author/Programmer & Analyst (CRYPTO PROGRAMMING), Developer, Designer and Tester: Arnaldo Rivera Pérez (Masterpiece Studio (Cryptosystems) Software Creator)