MEDMSII

MODEL ENCRYPTED DATA MANAGEMENT SYSTEM FOR INFORMATION INTERCHANGE

Version: 2025A.001

1.Overview

This documentation describes a novel **character encoding scheme** that not only encodes text but also applies encryption to ensure data security. The encryption method preserves data integrity with a 0% data loss rate.

2.Key Features.

2.1 Characters Supported[3]: Currently MEMSII supports 95 characters.

2.2 Encryption: Encrypts data at multiple data level which can't be disclosed due to security reasons.

3.Characters Supported

3.1. Uppercase Alphabets(A-Z)

3.2. Lowercase Alphabets(a-z)

3.3. Special Characters

!@#$%^&*()_-+={}[]|\:;"'<>,.?/~`

4. Input Type & Return Type

MEMSII is designed to take input data & return data in String format only

If you encoded number 3 on any supported environment it will pass it to MEMSII encoder as "3" & return "3" when decoded. The data needs extra processing to achieve the required data type.

NOTE:

1. All the features & data can't be revealed due to security reasons.
2. Please refrain from attempting to bypass or manipulate the encoder and decoder, as they have been designed with robust security measures. Additionally, any modification, loss, or corruption of even a single bit of data may render the encoded and encrypted information unreadable. This could result in the entire sentence, paragraph, or data sequence becoming undecodable.