# FORUM8

FORUM8 Co., Ltd. is an independent engineering software company specializing in the development of the mostadvanced 3DVR/FEM software packages and systems.

# F8-AI Manga me

## Generates Manga from Images/Text using a combination of Deep Learning and Diffusion Technology!
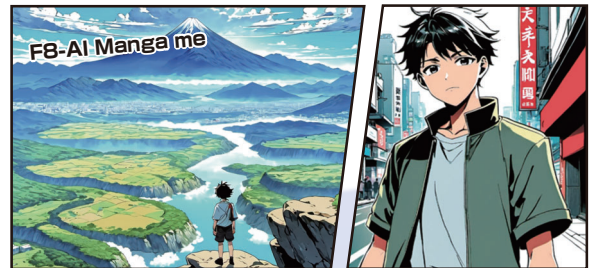
An AI-powered system that can generate high-quality MANGA-style images, by automatically generating line drawings, hatching, screen tones, black-and-white/colorization, etc. corresponding to diverse MANGA styles and expressions. The system learns the fundamental characteristics of MANGA, including line drawings, shading, character design, and composition, using advanced image generation algorithms to create captivating MANGA.
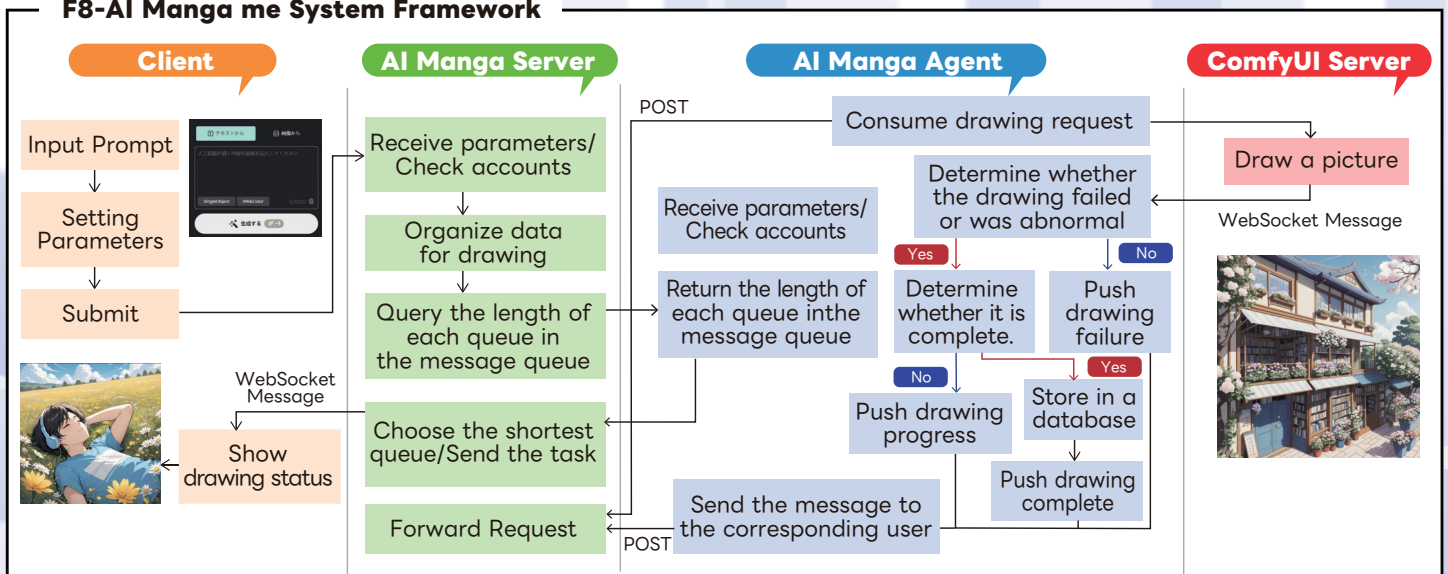
## FORUM8 Develops and Provides Design Tool utilizing AI Technology
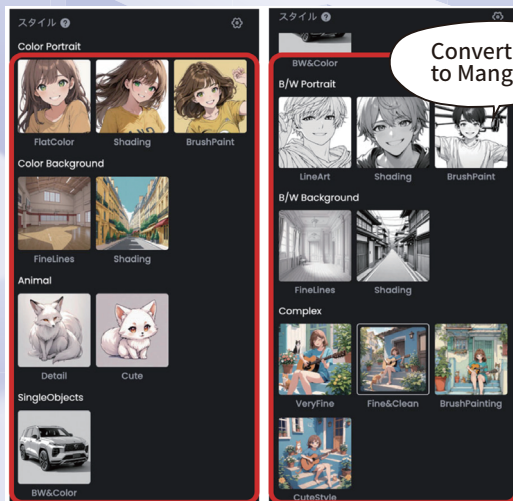
Features that support the professional production process of MANGA content have been commercialized. Using AI image generation algorithms, the tool generates drawings of various MANGA-style objects, characters, and backgrounds. Line drawings, hatching, screen tones, black-and-white/colorization, etc. corresponding to various MANGA styles and expressions can be automatically generated. The same framework is planned to be deployed with a view to applying it to various industrial designs.
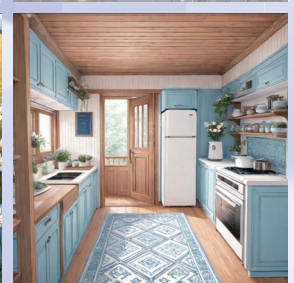
### F8-AI Manga me System Framework

**Client**
- Input Prompt
- Setting Parameters
- Submit
- WebSocket Message
- Show drawing status

**AI Manga Server**
- Receive parameters/Check accounts
- Organize data for drawing
- Query the length of each queue in the message queue
- Choose the shortest queue/Send the task
- Forward Request

**AI Manga Agent**
- POST
- Consume drawing request
- Determine whether the drawing failed or was abnormal
- Receive parameters/Check accounts
- Return the length of each queue in the message queue
- Yes → Determine whether it is complete.
- No → Push drawing failure
- No → Push drawing progress
- Yes → Store in a database
- Push drawing complete
- Send the message to the corresponding user
- POST

**ComfyUI Server**
- Draw a picture
- WebSocket Message

---

Convert Images to Manga

▲ 「Image2Manga」

Convert Texts to Manga

▲ 「Text2Manga」

Drinks, potted flowers, green leaves, blue sky, white clouds

Family of 4 sitting on a wooden platform, grassland, in front of a wooden house, clear river, fireflies, leaves, flowers

**MAJIMON**
# F8NFTS
**FORUM8 Web3 System · NFT Service**

# We offer NFT System for various purposes!

Provides a secure platform to generate and authenticate various NFT documents in any file format, and issue NFT contracts, receipts and certificates using blockchain technology.
It can be used to develp and provide NFT service for various purposes and can also be linked to the Metaverse. Offered and sold as a desktop version application as well.

## Metadata Generator

To issue an NFT, you first need to prepare a metadata file. The metadata contains information about the NFT.

## Contract Generator

Once the metadata is prepared, the next step is to prepare the contract. There are 4 types of contracts available, depending on the use case.

## NFT Generator

Once the metadata and contracts are ready, let's issue the NFT. Using this tool, you can easily issue NFT.

## Contract Manager

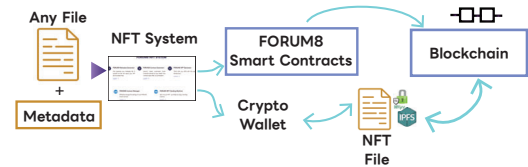You can manage the F8NFTS smart contracts you own.

## FEATURES

· Secure and authentic
· Supports any file in any format:Images, videos, voice, 3D models, documents, etc.
· Business file authentication
· Manage NFTs, price, distribution, and contracts



サーバ

· With Metadata/Contract(Customizable)/NFT Generator
· NFT Receipts and Certificates
· NFT directly into any wallet.

## FORUM8 Web3 System

· Generates Metadata of files
· Deploys Smart Contracts that match your requirements
· Generates a secure NFT that authenticates



Any File + Metadata → NFT System → FORUM8 Smart Contracts → Blockchain
Crypto Wallet → NFT File

## Application Examples

### SIGHT-KEEPER

Combines digital stamp rally with GPS-tagged NFTs to provide high-quality photos and models. It can be used for co-branding or to issue souvenirs, etc. and deployed for a variety of purposes.

### F8NFT Point Bank System

In-house point service, local currency, etc.

### F8NFT Ticketing System

Verification of whether a user has an NFT ticket is done on the blockchain. By issuing NFT tickets as SBTs (SoulBound Tokens), it is possible to sell tickets that are non-transferrable.

### NFTCertificates

Providing technology on various documents such as design documents, etc.
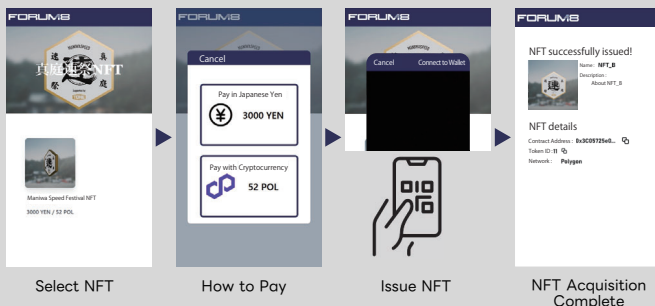
### Virtual Resident Certificate

Efforts are being made to increase the number of people who are involved in the community (related population) as a way to solve problems such as population outflow. NFT is attracting attention as one of these efforts

## NFT Vending Machine Application Examples

The desktop application used at the event is a 'vending machine' that can issue NFT documents. Buyers can receive the NFT documents through their cryptocurrency wallets.



Select NFT

How to Pay

Issue NFT

NFT Acquisition Complete

### F8NFTS×Metaverse F8VPS Application Examples

**FORUM8 Rally Japan 2024 Rally Car Collection**

**Create your own one-of-a-kind original rally car**
A game corner where you can create an original rally car by combining various body parts and custom parts. By going around the booth designed by F8VPS and the real spectator areas and service parks during the event, you can obtain 'Parts NFTs' and combine these to complete your own unique rally car. Additionally, the completed rally car can be collected and displayed within the metaverse, and can also be showcased in open NFT markets through MetaMask (a software wallet for storing tokens).



Login to NFT app on-site → Match with Smartphone's GPS → Get Parts NFT

FORUM8 Rally Japan Metaverse 2024 Experience



Get Parts NFT by hunting for treasures or taking a quiz.

Customize a rally car using collected Parts NFT

---