Become
The creator of new worlds

AI/XR
Software Development Tools
-Platform
-Marketplace
ONE SLIDERS

We are the enablers

Virtual Dawn has a powerful creation platform in Unity Game Engine that enables tailored experiences with ease. You can use our system, or we use it for you.

With our ready-made solutions, templates and self use creation tools you will find the right fit!

Visit www.virtual-dawn.com to read more about our success stories.

On the next pages information about solutions you might find the best fit for you.

VIRTUAL DAWN

Click to play!

The best platform for XR/AI driven app creation.

FINLAND

Become a creator or request any kind of XR application you want

With our system you can either enhance your current app creation or set up an in-house app creation team. You can always request an app from our marketplace if you do not seek more than one or two applications.

One of its kind and most powerful way to create

With our system, one developer becomes ten. We accelerate the innovation and app creation speed as we adapt constantly the platform to the market needs. The system is unity-based software development kit with our unique features.

For your organization this is the fast track to the future

You get the latest tools and latest AI implementations and can create content with flexible and price efficient way. We ask 4000€ / monthly for the full usage of the system and you get 2 days a week training and hands on support. This includes the custom NPC AI DRIVEN bots that you can customize. You can also opt in the asset sharing and community support for 18€ monthly.

About us

We are award winning passionate team who have been enabling you and others since 2017 with this solution. We have multiple user cases from military to business and education to arts and gaming.

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VIRTUAL DAWN

Military and Research – Rapid app development platform

FINLAND

Prototype and test completely new type of apps

Use our existing assets and templates or bring your own 3D models and try out new ways of doing things. Perfect for creating fast prove of concepts and pushing the boundaries of app creation.

The best user cases

The dynamic world of research and military technology it is essential to be able to create new prototypes fast and cheap. This is amazing tool to get grants and EU funding for education sector.

Architecture dynamics

As our system is in Unity game engine, and we make sure it remains modular and open interfaced, you can easily assign your own existing systems in and make sure you get the best of it. We can adapt to your GDPR and privacy or server requirements.

Pricing

The basic 18€ subscription is enough for you to independently start to prototype, but we recommend that you use the corporate subscription of 4000€ monthly to get started faster.

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User case: VR/MR Training

Leverage the virtual reality for process and soft skills training

You can select the styles and user case from our catalogue, and we tailor for you the best version of any training scenario to fit your unique needs. You can also become the creator of the content by using our creation tools! You can add metrics and user control if you need it! We combine the best from academia and game industry to give the best tools and end solutions that stands the test of time.

The researched and best way

Our clients ranges from the biggest companies in the world to vocational schools. And the best way to use VR is to customize the experience for the specific needs and choose the gamification level that fits your style.

For business or training?

You can receive the application for your own use, or you can choose to do business with it if you follow our EULA terms.

See video about Mixed Reality and Virtual Reality application about learning to run a printing machine.

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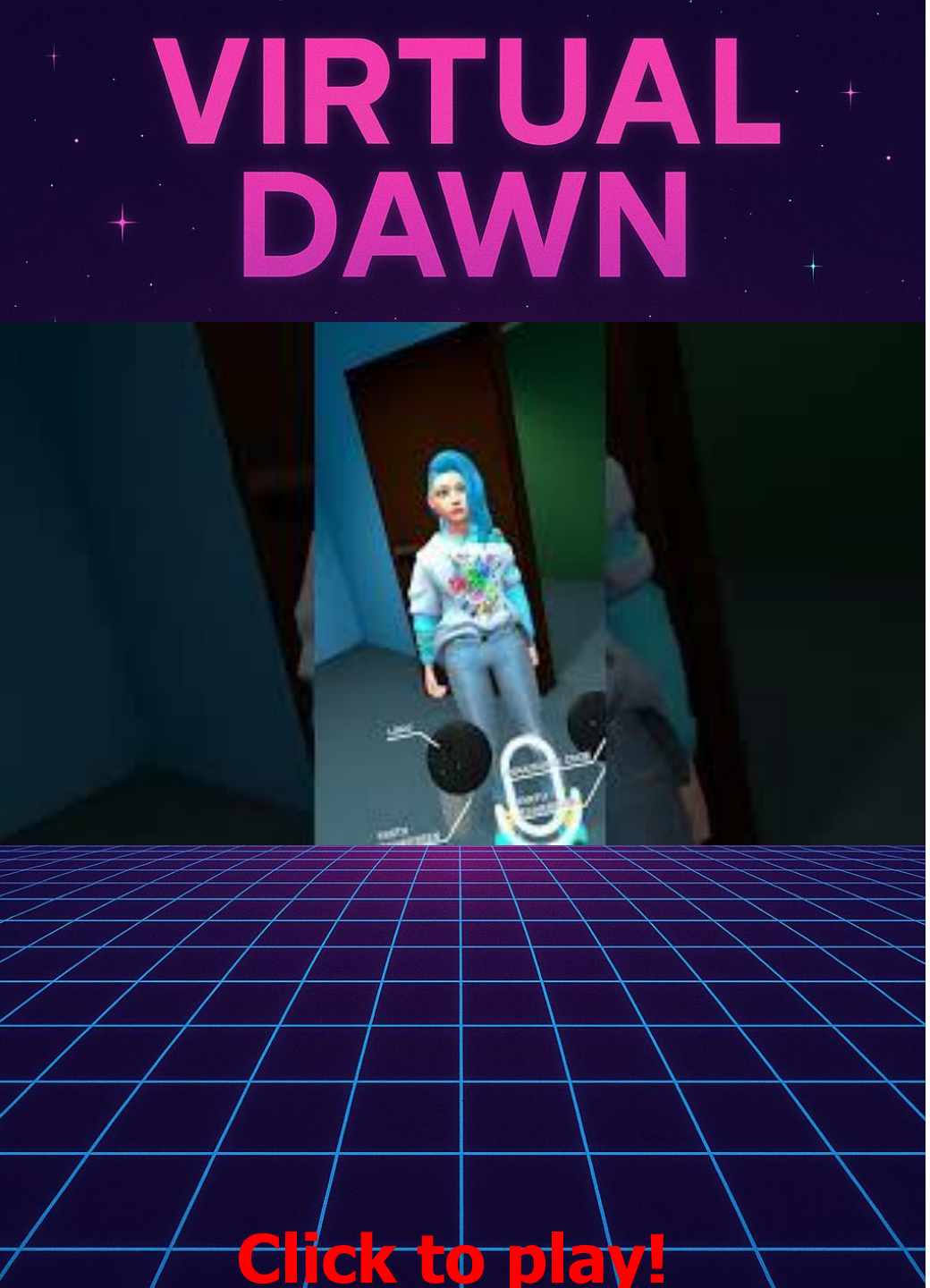

AI DRIVEN NPC CHARACTERS Examples: ”We are the basics!”

FINLAND

Who are we?

"We come in many forms and sizes, and we are your most common approach to basic introductions and training and gaming, we are easy going or angry or what ever you need, and we can maintain scenarios with ease! You can also put us in environments, and we can be tailored to be aware what goes on and we even can drop a vase if we are angry or come to give you a hug if need be.

You talk to us, and we talk back to you and follow the basic procedures of your scenario. ”

Pricing

The basic graphic NPC bots are part of the 600€ monthly subscription where you get 5 customized bots and 20 hours of speech time as a total time. The bots can be deployed in our web portal, and we can put them behind a password if you want to make sure that only the “right people” reach them.

We can also deploy them into your own website and further customize the experience.

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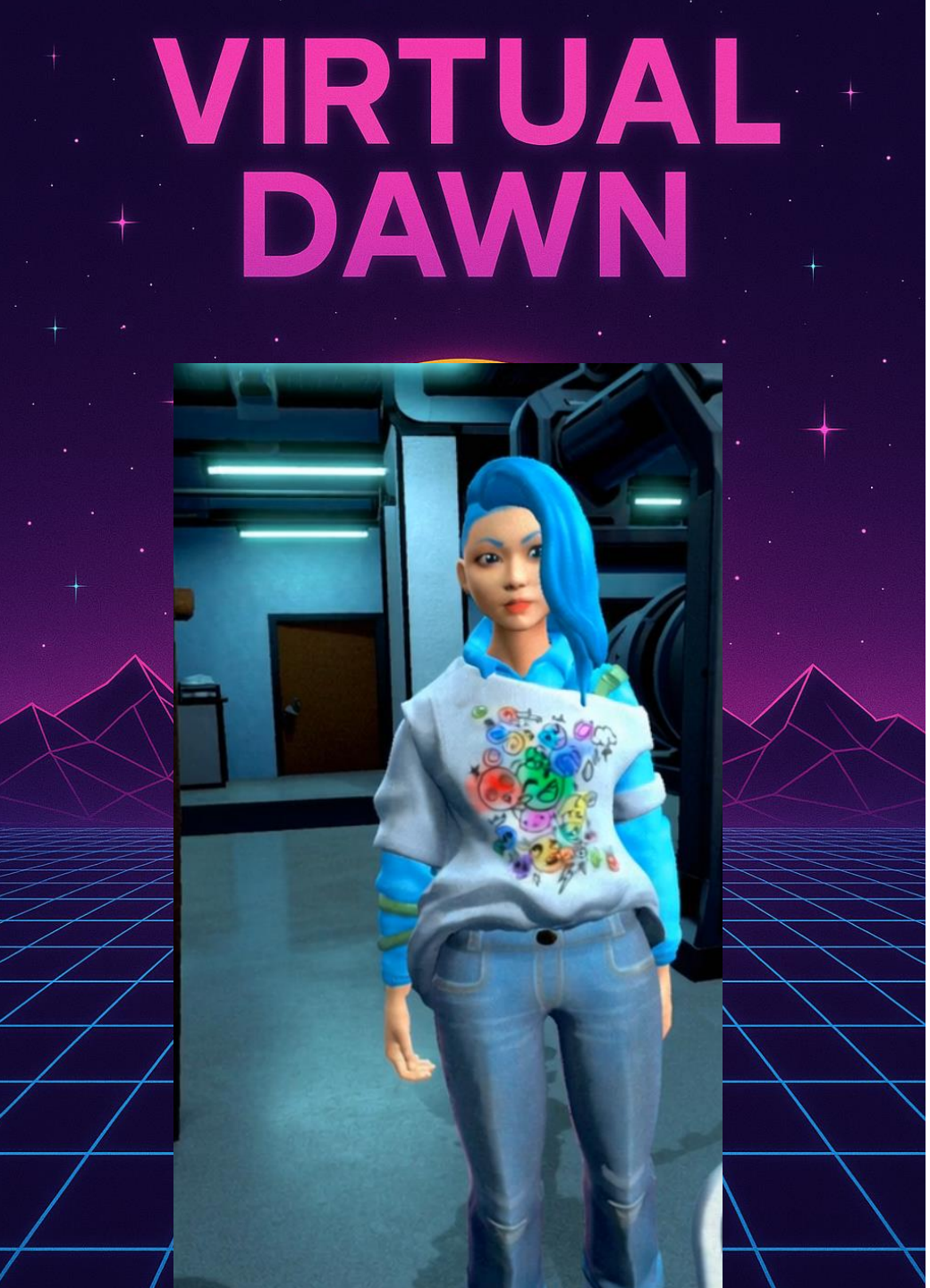

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AI DRIVEN NPC CHARACTERS
Example: ”The eternal machinist ”

Who am I?

"You can give me any name, and I understand it, I am not needing much of personality or emotions as my job is to understand very well how this machine works and if anyone has questions about it, I have information retrieval system about all its features. You can also record in my memory common issues only you know, and I can also learn by time what is the most common things I get asked about. When time goes on, there is a big database in my head about what goes on and I evolve with you. “

Pricing

This character has a long memory and RAG system in Database and you might need some training as a company to record memories in custom way…

The price for this kind of character with decent amount of memory retrievals and communication is 1000€ monthly.

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AI DRIVEN NPC CHARACTERS Example: ”I might be the next era of AI”.

FINLAND

Who am I?

“I am the most complex and emotionally aware graphical NPC you can get. I am a piece of work as I have my own attributes, I know how I and you look like, I have valence arousal and dominance (VAD) emotional system, I remember how it has been with individuals, I have knowledge base to pull information from, and I do remember what we have been through. I make calculated and emotional responses according to how I was created”

Pricing

This NPC is holding a wide section of human simulation and interaction. If you want this character to remember the events, we recommend reserving 1200€ monthly costs to run this properly. The price goes lower if the long-term memory is not needed but the emotions would play the role.

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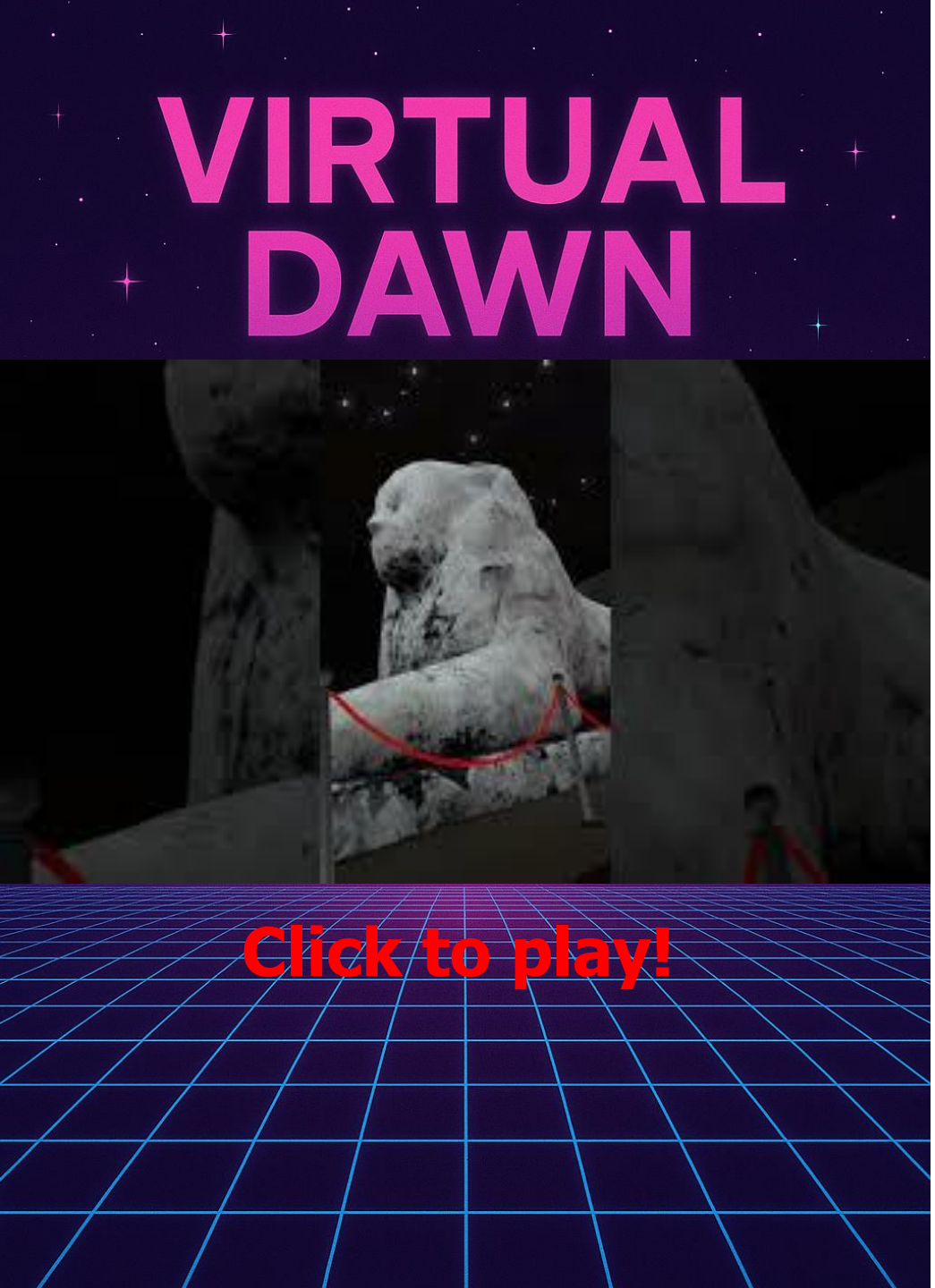

Or why not to combine all of this?

FINLAND

Your own VR / PC world ?

Slap together the smart AI NPC and the process and soft skill training scenarios and create the future proof expanding world according to your needs.

Become the master of the creation

Learn the Unity SDK we offer and integrate it as part of your system, adapt the possible servers, user control, Azure or Moodle access and take the best of all worlds for you. Or you can always let us to handle everything…

Costs

With 4000€ monthly we give you two days of our support/training time and make sure you get past the trickiest hurdles and your own team can focus on your core functionalities.

On the left you see a WEB + VR portal to access museum worlds and below our education world from 2021.

https://youtu.be/m2WvW9cqHG0?si=aC2ccZrRJnFTRi4-

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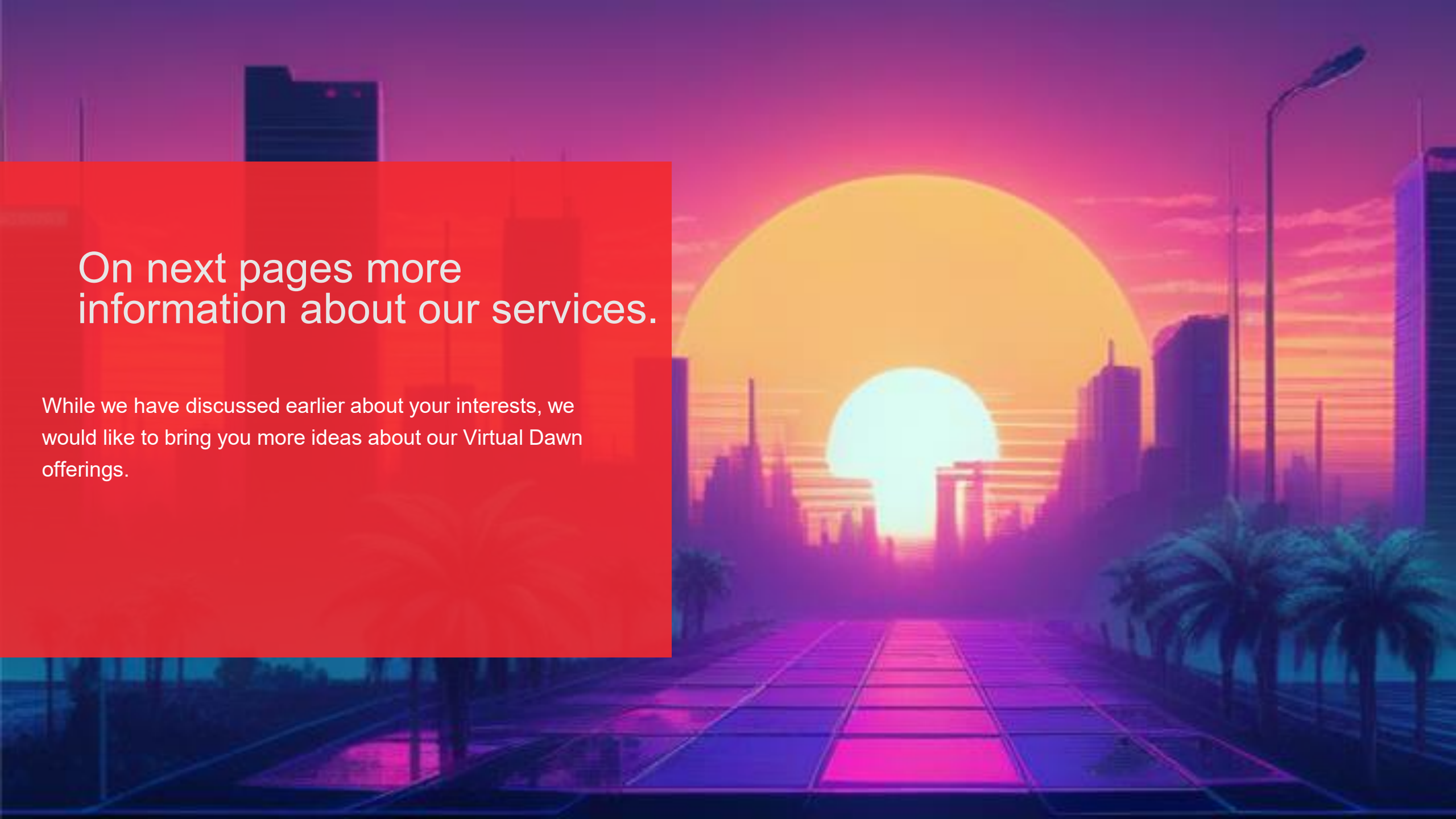

On next pages more information about our services.

While we have discussed earlier about your interests, we would like to bring you more ideas about our Virtual Dawn offerings.

Overall system architecture

PORTAL

WEB app as a terminal point

You sign in and get the SDK to your GitLab using our subscription services.

This is a portal to some of our solutions like the NPC Chatbots if you want them deployed in our portal.

Access our powerful asset manager to download and share assets to your project.

UNITY SDK

The most powerful system to create complex XR and AI apps.
This SDK has all you need to make commercial games or military grade simulations or university research projects.

Integrates 3rd party plug ins
We combine the best plug ins with our own programming to make the best of all worlds.

Specialized in XR and AI but!
Ou can deploy to 2d screen and browser and mobile.

Modular
Easy ingegration, templates to get you going fast and sandbox to give you full power.

CONCEPT

Not only technology but also a brave new semi open source and community driven approach.

Virtual money (VD Credits) for users who want to contribute but might not have money to use the paid version.

Matchmaking and fast team building.

Community support for the most cost-effective users.

Asset sharing in the core!

AI system details

The knowledge base and settings

Playground to manage your world.

Our bots have wide range of settings they become aware of, how they look, what they like, what is their persona, what is their attributes. They can be given their preferences and dislikes.

You can micromanage the knowledge base by giving them specialized understanding that are launched if player refers to things close to them.

Our RAG system retrieve data from the SQL database and this information can be expanded. The data can be emotions and/or hard facts.

Emotion capacity

Valence Arousal Dominance

We give the bots numerical value according to psychological theory (VAD) to represent the personality traits.

Emotional state

The situation is updated according to the player responses and behaviours and the bot can become long term angry or resentful towards you if your personas do not fit well.

Chat history

We record the history in long term memory and balance between the costs and the immersion.

Analysis tools

We use the local computing power to calculate the semantics and the context of the meaning. Instead of keywords we use the semantic analysis.

Context aware

The only system that natively enables discussion context and environment context

When you integrate our AI chat system to the Unity SDK we run, you can use our classical AI behavioural tree system to give the NPC data about the events and actions done dynamically in the “game”.

When building the bot we leverage “events” and “triggers” that can be launched during the experience. Our bots and player has attributes that can be used to launch a conversation point or some other game changing event.

RIDE THE WAVE OF TOMORROW!

AHEAD OF THE CURVE

The system is future proof, and you can take over the creation when you see fit, no matter what happens to Virtual Dawn.

THE FUTURE

The use of XR and AI requires organizations and individuals to learn new skills. You cannot take the best of latest tech with old styles and tech.

UNPARALLELED COMPETITIVE EDGE

Try to keep up with us as we improve every day with Our wide range of users.

WE ARE THE
GAME CHAN

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More about us at:
https://www.youtube.com/@virtualdawn