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Product Owner
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Who are we?

Founded in 1998 as a small **smart software** startup, Infoland has grown to a team of over 100 specialists. Together we design and develop software solutions for businesses in a variety of markets. Our solutions focus on safeguarding themes such as quality, safety, the environment and the well-being of people. We achieve this by providing professionals with the tools to quickly find the right information, perform risk analyses, document and learn from mistakes, and more.

We believe the key to successful software is a **happy end user**, and we aim to achieve this by paying close attention to what the professionals actually want and providing them with **reliable, easy to use** solutions.



What is Zenya?



Zenya is the largest software suite offered by Infoland. It encompasses tools to support and optimize the quality- and risk management of organizations. Zenya enables easy document management, quick incident reporting, thorough auditing processes, and a complete overview of risk management within an organization.

Despite our high customer satisfaction rating, we are always look for ways to improve. By extending functionality, improving the user experience, optimizing performance, and looking for ways to **innovate** and keep Zenya up to date on modern technologies.

Zenya AI Development – Generate video from text

Context

At the moment there is a new module being developed within Zenya. This module is called Boost. The purpose of this module is to boost the level of knowledge for users in a way that is as much as nonintrusive as possible. One of the use cases is that an important change in a protocol or instruction gets known by users, understood by users and is brought to practice by users. It is not sufficient to only inform users of such a change.

Another use case is that there isn't a specific change but for some other reason there is an initiative to focus on a certain topic, for example a safety theme or the month of cybersecurity. This may be the case because of an (near) incident or just because that safety theme is an annual recurring theme.

Boost lets you use a set of tools that you can use to bring small learning nuggets/microlearnings to users spread over time. We think that for some users information is easier to comprehend through a video than in plain text. That's why we want to explore the possibilities to generate a video with spoken text that is based on a piece of text. This can be an avatar, AI generated person or AI deep fake based on an actual person.

The project goal

In this project the goal is to develop working concept that provides a video based on a Dutch piece of text.

Solution characteristics

- Research suitable techniques and set up one or more POCs
- Integration with Zenya is not part of this project
- Cost management, control costs using existing AI/NLP services when used on Zenya SaaS infrastructure by Infoland customers
- The solution should be scalable to support the current 1.5M users of Zenya and future growth
- The solution is required to support multiple tenants (organizations)
- The POC is not required to support multiple languages at first but it should be suitable to support multiple languages in the future. For this POC it should support English or Dutch, preferably Dutch.
- The solutions must be GDPR compliant
- The solution must be deployable on Azure