



## AI speech recognition pipeline

Ericsson now has a container-based solution which utilises AI to drive a fully automated speech-to-text system

### Cost reduction

A Kubernetes solution which enabled a cost-effective licensing arrangement.

### Rapid delivery

Utilised serverless technologies to rapidly deliver a functional proof-of-concept platform.

### Client value

Tailored the solution to meet the customers regulatory and financial requirements.

### Scalable

A Kubernetes control plane allowed the client to idle hardware costs at zero, only scaling resources when needed.

## CHALLENGE

Our client provides video subtitling services to a number of broadcasters in multiple languages, with **over 100,000 hours a year of live captioning**. Subtitle generation is often a manual and slow process as well as an expensive one and LiveWyer helped to reduce their running costs.

## SOLUTION

The use of **AI driven** speech-to-text systems has the potential to disrupt the market for traditional subtitling services. The company engaged with LiveWyer to build a container based solution for an Automatic Speech Recognition pipeline and batch processing platform capable of automating the generation of Spanish and English subtitles.

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IDLE RUNNING  
COSTS

60%

LICENSE  
COST REDUCTION

3

MONTHS TOTAL  
ENGAGEMENT

## CONCLUSION

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LiveWyer was able to take a core business idea and evolve it into a series of key technology assets with cost, scale and outcome benefits to the client. By aligning the right technology with the right requirement, LiveWyer were able to successfully implement and extend Serverless technologies as well as migrating workloads to compliant infrastructure. We were able to demonstrate how we can adapt our solution to meet regulatory and financial requirements.

### Thank you for reading

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