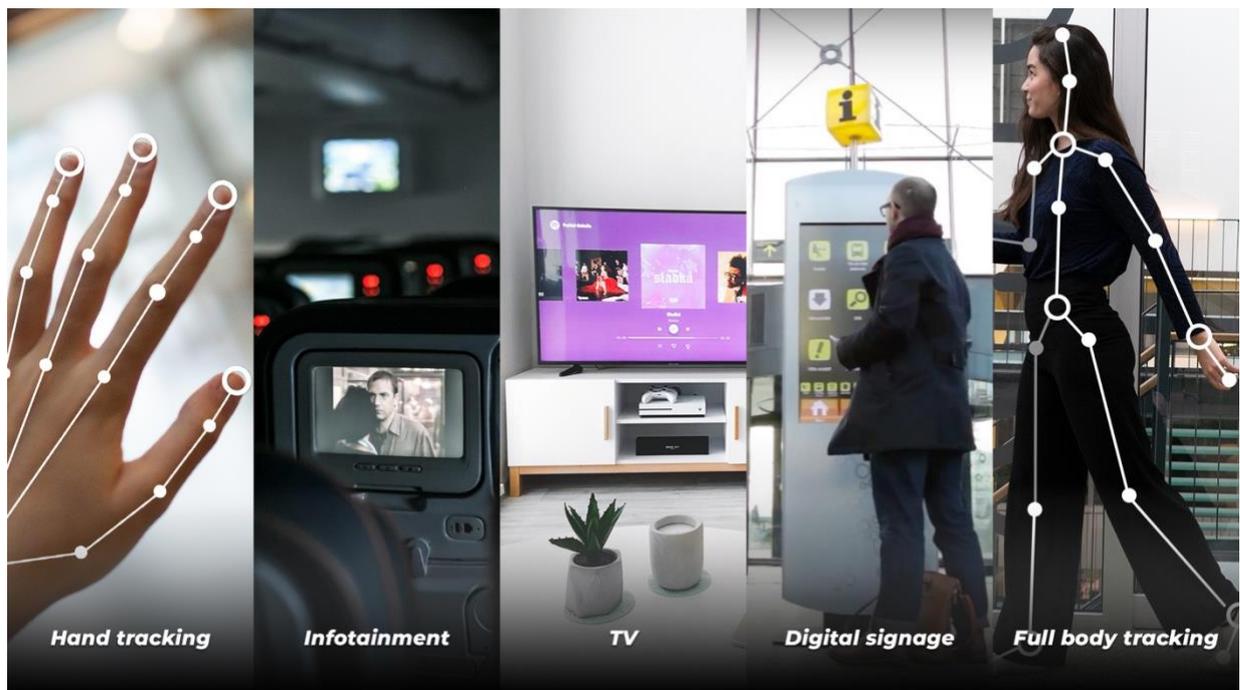


## Crunchfish demonstrate product versatility with full body tracking

Crunchfish is happy to announce a new powerful gesture Skeleton network that enables full body tracking using a standard camera sensor. The solution shows the versatility of the XR Skeleton platform where detection and tracking of new objects can be added in a short time frame by training of algorithms using new image data.



Crunchfish XR Skeleton was launched late last year and is a software technology for gesture control that enables hand detection and tracking of 21 points on the hand. The software is primarily designed to be used on AR/VR devices and mobile phones, but the versatility opens for a lot of other use cases.

Since the launch of XR Skeleton in Q4 last year, Crunchfish can with the same base of neural networks and its unique development process, already demonstrate 3 new solution areas for interaction using a skeleton model.

- Hand interaction in cars, trucks, and airplane entertainment systems
- TV interaction with hands and body as a replacement of the remote control
- Full body interaction with large digital signage screens

The latest contribution to the skeleton model is full body tracking with Crunchfish FB Skeleton solution where a person's body is tracked in 3 dimensions using a standard RGB camera. By feeding the neural networks with a combination of synthetic data and annotated images of human bodies, a solution that enables full body tracking has been created in only a few months. FB Skeleton will be available as a commercial solution later this year.

Press release  
2021-05-12



"The speed of development creating a wide variety of new solution areas demonstrates technical prowess and the versatility of our Skeleton gesture control system", says Daniel Milesson, Director of R&D at Crunchfish Gesture Interaction AB.

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**About Crunchfish – [crunchfish.com/gestures](https://crunchfish.com/gestures)**

Crunchfish is a technical pioneer within digital payments with its ground-breaking Digital Cash Wallet using a two-step payment process, first clearing offline followed by online settlement, which makes digital payments robust and independent from the net. Crunchfish Digital Cash Wallet is extremely flexible and may be used with all types of payment services. It is interoperable cross-service/schemes and cross-borders/currencies. It truly delivers the properties of cash, such as instant clearing, offline payments and preserving the payer's integrity, without requiring any changes to the central or commercial banking infrastructure. This enables CBDC to be rolled out fast in any country.

We have also developed Blippit, an app terminal that connects to cash register systems for both online and offline payments and have a patent-pending solution to reduce food waste. Crunchfish also develops gesture control of smart AR glasses for the consumer market.

Crunchfish is listed on Nasdaq First North Growth Market since 2016, with headquarters in Malmö, Sweden and with representation in India.