



Transforming healthcare with innovative IT and IoT solutions

Cisco Systems

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Questions?

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Catalyst 9K



A New Era in Networking

Transforming healthcare...

With innovative use of
technology

Advances in healthcare & medical science



Medical care quality



Cost-effectiveness



Improved experience
(patient, staff, ...)

Leveraging technology to achieve more & better



New children's hospital in Helsinki



Jari Petäjä, Director of the new hospital

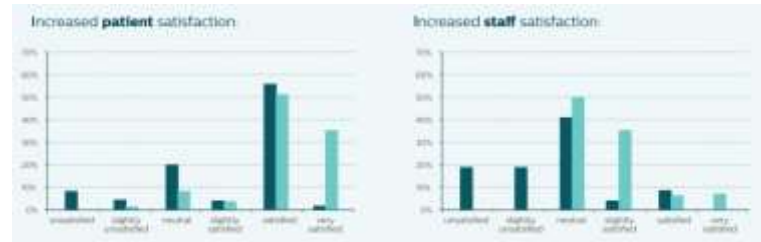
Link to video case study (in Finnish only, unfortunately):

<https://cisco.box.com/s/jxohy2r1xkj9otkecx02tm3zk4wwqma3>

Amazing example of machine learning and data analytics:

- In collaboration with enterprises, a data analytics solution can predict a developing sepsis in newborn babies, up to 24 hours before the doctor
- The machine doesn't treat the patient – but it gives the doctors more time to react, and that is crucial

Better outcomes through intelligent lighting



Digitization of healthcare – the obvious



Remote doctor is right where you are

Etävastaanotolta saat nopeasti tarvitsemasi avun. Tavoitat puhelimitse valikoitujen yleis- ja erikoislääkäreiden lisäksi myös Aavan kokeneet fysioterapeutit.

DIGITAL CLINIC IN YOUR SMARTPHONE



DOWNLOAD THE APP

Maailman ensimmäinen palvelu on nyt myös puhelimitse. Lataamalla OmaTerveysin mobiilisovelluksen käytössä on Digiklinikka 24/7, uusi reseptit helposti myyjä laskutkin ja säilytät koko perheen terveyshistoriat kätesi ulottuvilla.

Lataa mobiilisovellus iPhoneen

Lataa mobiilisovellus Android-puhelimeen



OMA TERVEYS 24/7

OmaTerveys 24/7 pitää huolen terveysasiat ja on aina nyt meidän yhteyden otettavana. Lataa sovellus, jossa odottelua tai ajamattomista chatin kautta. Uusi palvelu tarjoaa ajankohdasta omaa terveyshistoria ja ottaa juttu sinulle.

Chat 24/7

Reseptit

Improving the remote experience through collaboration tools



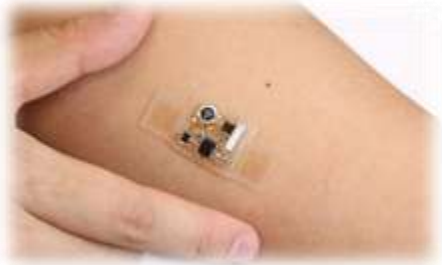
Miami Children's Hospital uses wireless solutions to innovate patient care and transform the hospital experience



Treating the sick and keeping the healthy, well healthy

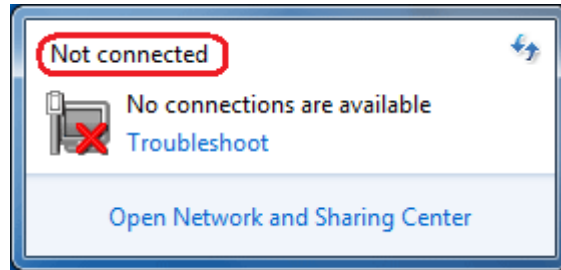


Digitization of well-being technology



Interesting – what does it have to do with Cisco?

- What is the common theme here?



Many of the devices cannot and will not protect themselves – who will?



Some sad truths from the world of networks...

\$60B

Spent on Network
Operations Labour and Tools

Why are companies spending so much?



Network Changes
Performed Manually



Policy Violations
Due to Human Error



OpEx Spent on Network
Changes & Troubleshooting

A New Era of Networking

Increasing
Intelligence



Informed by
Context



Constantly learning,
adapting, protecting



Powered by
Intent

New children's hospital in Helsinki



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- In building the new hospital, co-operation with IT has been exceptional
- IT has been a great ENABLER in this project
- Security is critically important – hospital must keep working under any conditions
- Transformation: not necessarily robots treating people, but technology enabling healthcare professionals to spend more time helping patients – what is most important

”With great passion, we are building the best children’s hospital in Helsinki. Good IT solutions are a crucial building block in this work.”

Jari Petäjä, Director of the New Children’s Hospital

Let us be your partner in transforming healthcare



