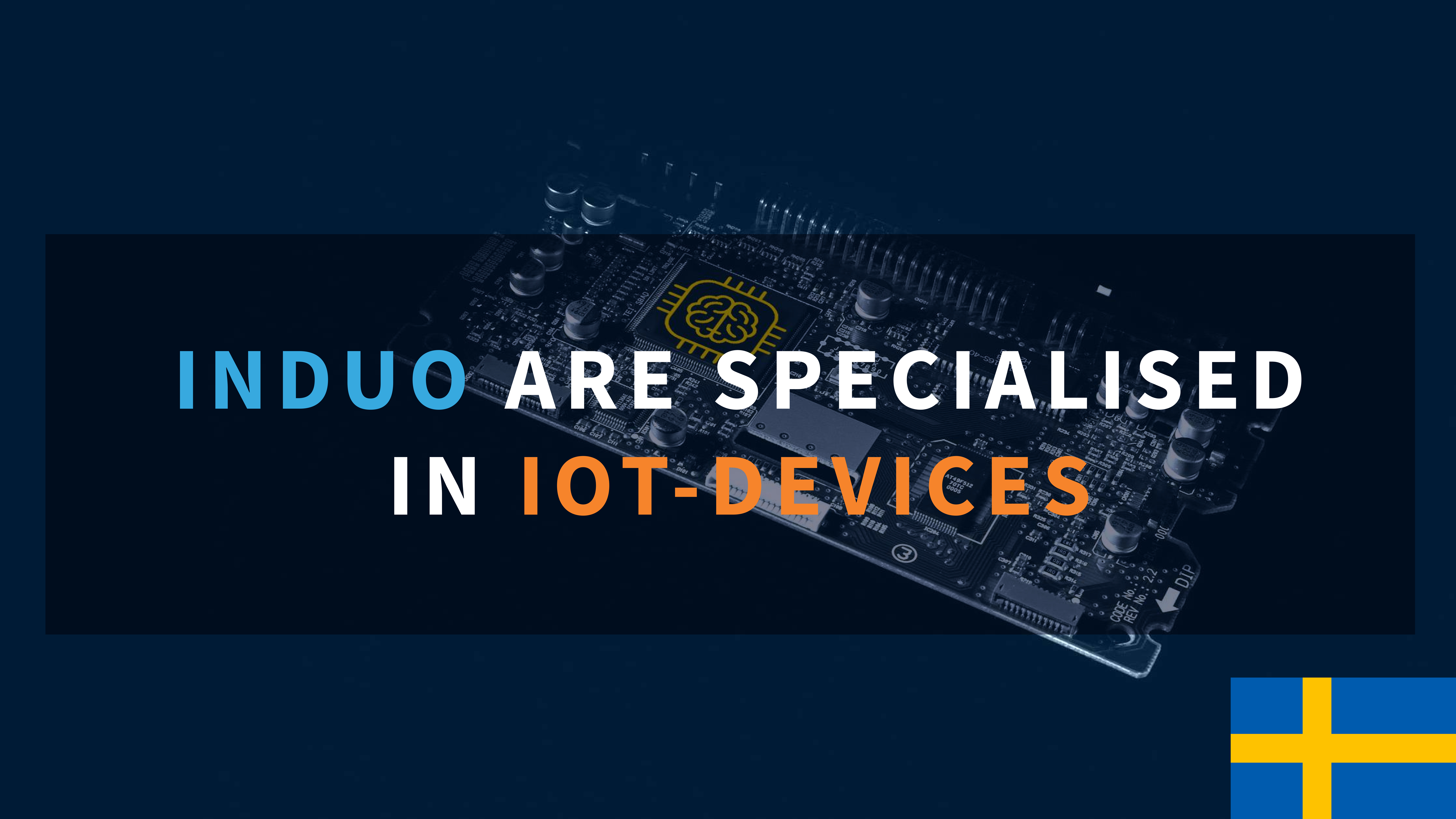
A man, Ulf Seijmer, is standing on a stage in front of a large screen. The screen displays the text "IoT" and "will make the world". The stage is lit with blue light, and the background wall has a pattern of small, glowing dots. The man is wearing a dark suit and glasses, and is gesturing with his hands. The text "ULF SEIJMER" is overlaid in large white letters, and "INDUO" is overlaid in large blue letters below it.

# ULF SEIJMER

## INDUO





**INDUO ARE SPECIALISED  
IN IOT-DEVICES**



# HOW IOT CAN IMPROVE WORKER SAFETY

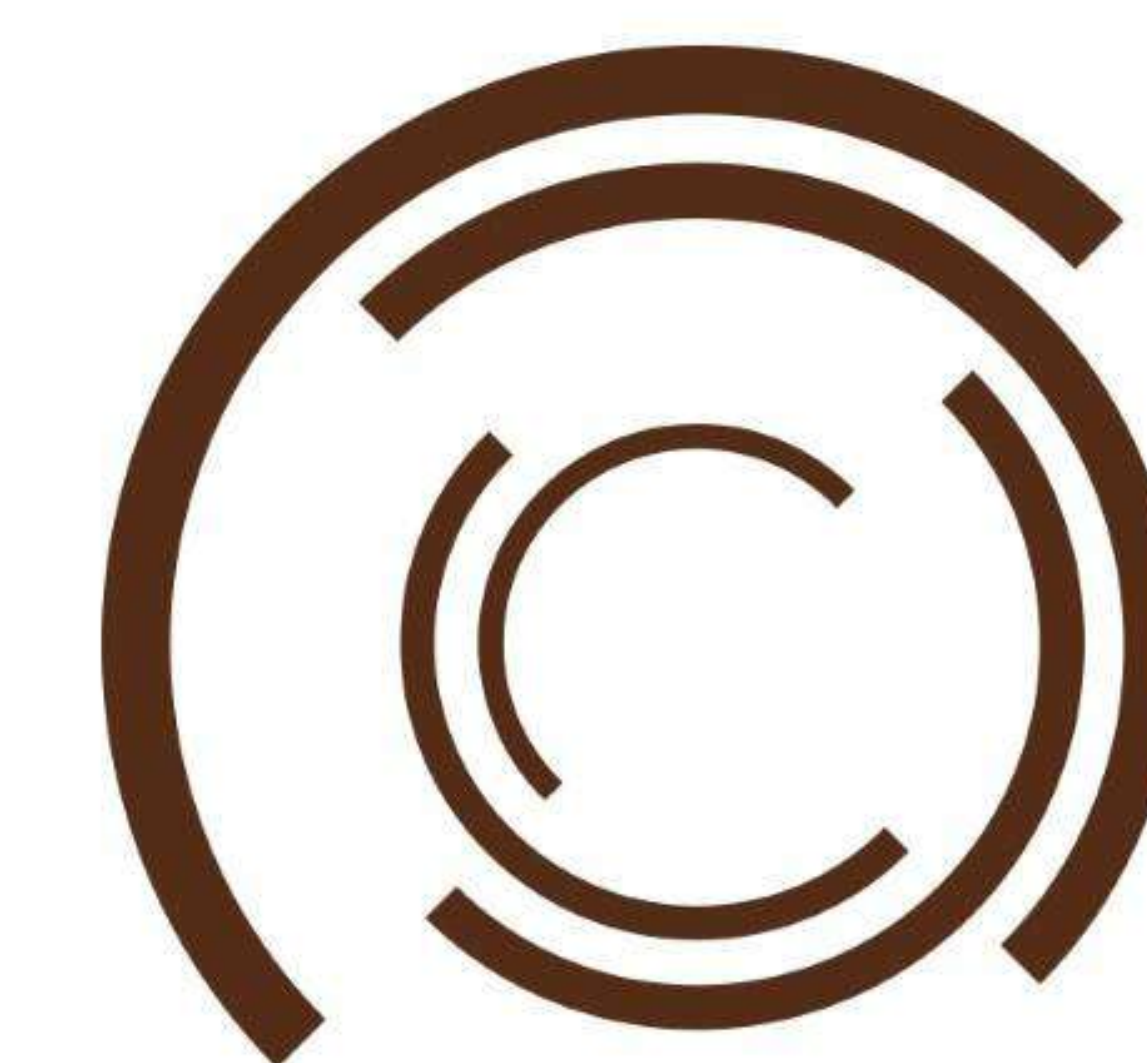
3G  
FIFTH GENERATION TECHNOLOGY STANDARD  
FOR BROADBAND CELLULAR NETWORKS

AI08 - BRAIN

4th/GEN  
host device ID: 2569ch  
extended CPUID: e568c10



# CAN IOT **IMPROVE** THE WORK ENVIRONMENT IN FORESTRY?



**skogforsk**

Forestry  
Research  
Institute of  
Sweden



# HARVESTING THE FOREST

- HARVESTERS ARE LOGGING THE TREES  
(THE MODERN CHAINSAWS)
- FORWARDERS WILL DRIVE THE LOGS TO A ROAD
- LOGS ARE PICKED UP BY TIMBER TRUCKS





# WORKING AS A FORWARDER

- HARD ON THE BODY
- WORKING ALONE
- EXPENSIVE MACHINERY
- HIGH RISK OF INJURIES
- HARD TO ATTRACT NEW GENERATION



# 5G POSSIBLE SOLUTION?







# IOT POTENTIAL

- REMOTE OPERATION
- WORKING TOGETHER
- CUT COST FOR MACHINERY
- REDUCE RISK OF INJURIES
- COMPLETELY NEW WORK-ROLE





**BUT.. NO 5G COVERAGE?**



- PRIVATE 5G-NETWORK
- ERICSSON INDUSTRY CONNECT
- CONNECTION WHERE IT IS NEEDED?





# DRIVE REMOTELY



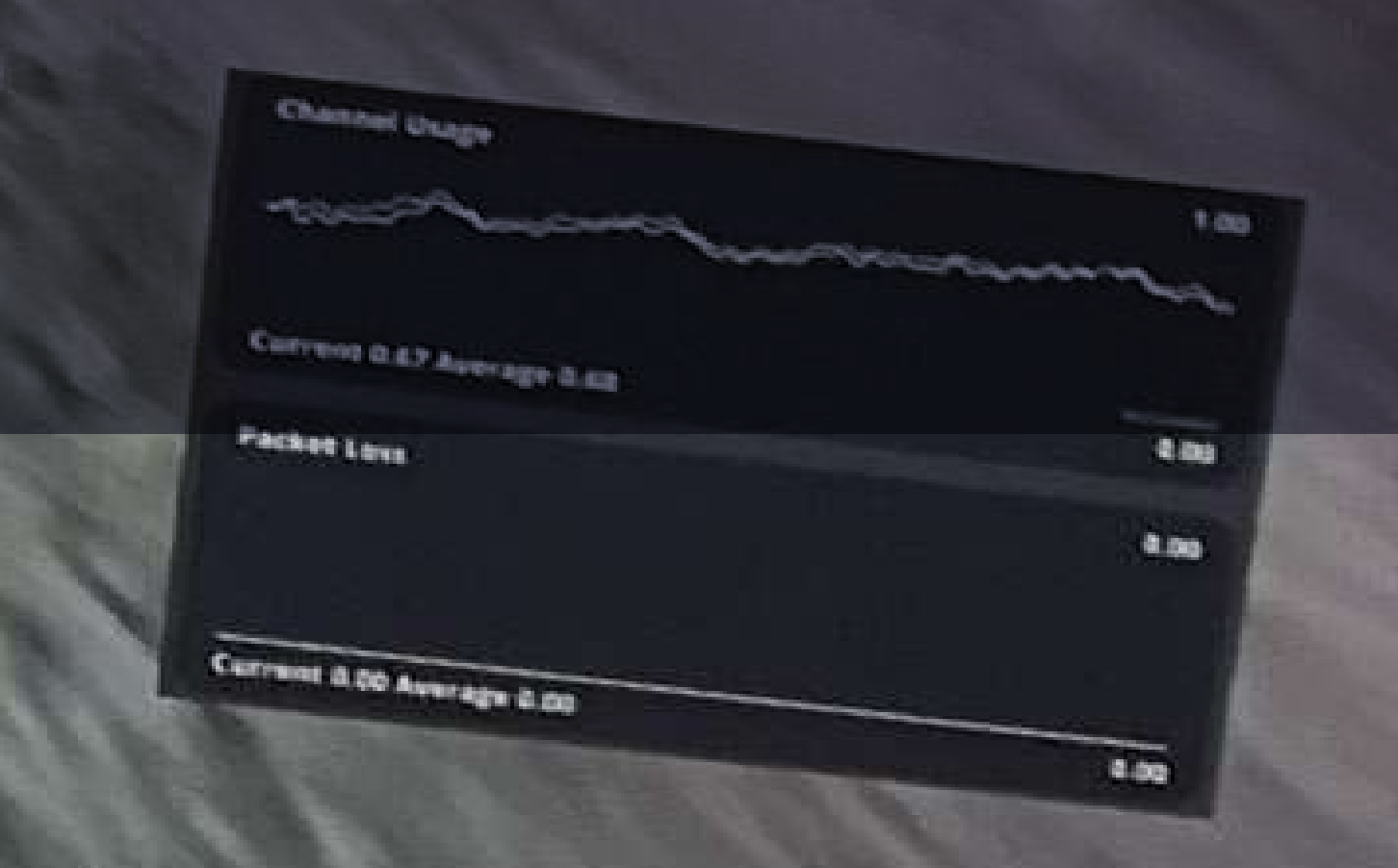
Console 71 <rpm>0</rpm><temp>75</temp><fuel>83</fuel><speed>0</speed><frequency>0</frequency><brake>

Delete

0.000

0.0° XYZ

Remove









# 5G TESTS

- TESTS WITH WIFI AND 5G (3.7 GHZ)
- VARYING TERRAIN
- DIFFERENT ANTENNA PLACEMENTS





# TEST CONCLUSION

- LATENCY PROBLEMS
- COVERAGE IN ROUGH TERRAIN
- IOT HAS A FUTURE

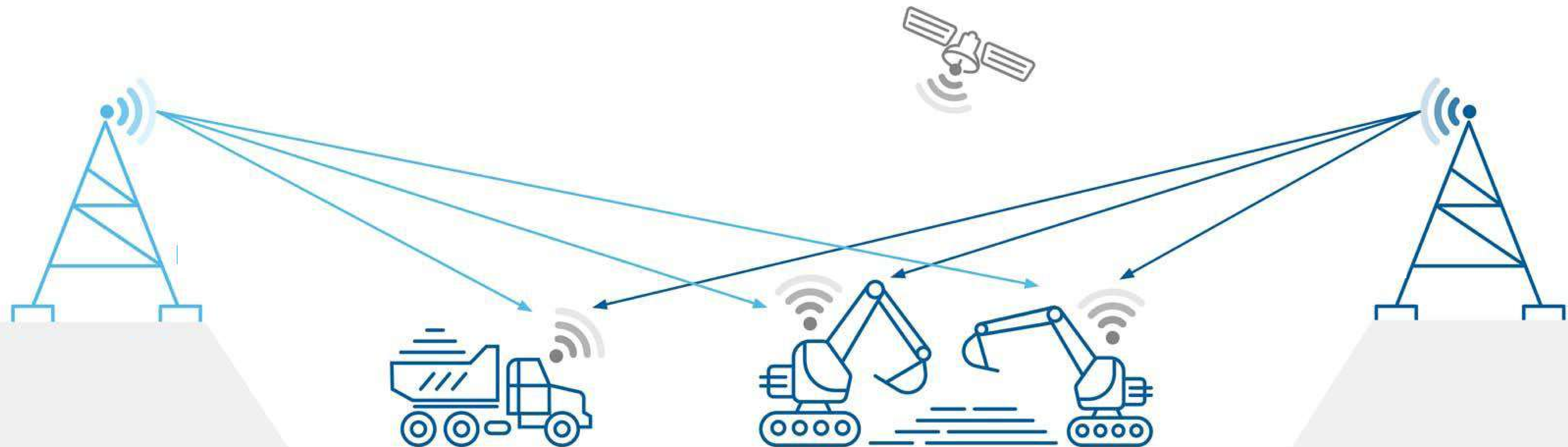


An aerial photograph of a dense forest with a winding road. The forest is composed of various types of trees, including evergreens and deciduous trees, creating a rich green canopy. A dark, winding road cuts through the forest, starting from the top center and curving towards the bottom right. The lighting suggests a bright day, with sunlight filtering through the trees.

# **SOLVING** COVERAGE IN THE FOREST?



# COMBINING 5G AND RADIO





A woman with brown hair and bangs, wearing a brown hard hat, a black jacket with a fur collar, and an orange safety vest, stands in a construction site. She is smiling and has her arms crossed. In the background, there is a large black tire and some red machinery.

# IOT CAN

- REALLY IMPROVE WORK LIFE
- BENEFIT BOTH HEALTH AND COST



A John Deere 1270G telehandler is positioned in a lush green field filled with wildflowers. The machine's boom is extended upwards and to the left. In the background, a dense forest of tall evergreen trees rises against a clear blue sky. A semi-transparent dark rectangle is overlaid on the center of the image, containing the text "IOT WILL MAKE A CHANGE!".

**IOT WILL  
MAKE A CHANGE!**