

# Project Adaopted Network-RTK

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## SUMMARY

The general trend in society is pointing to more and more information becoming available digitally and that it is often linked to a geographical position. The Swedish Transport Administration is digitizing this process including planning, design, construction and management. From 2015 it was decided that all new projects should be based on BIM (Building Information Model). In recent decades, the Swedish Transport Administration has shown, through both research projects and pilot projects, that there are large economic and environmental benefits with a modern implementation of the geodetic reference systems. A concept has been developed Pa-NRTK, ( project-adapted Network RTK ), through which the geodetic reference systems are made available in two formats, (i) through a traditional passive and (ii) through in an active realization. Technological development in this area is proceeding fast and a decision has already been made to start a three-year research project in order to secure the concept of Pa-NRTK and to create the conditions for autonomous production. The research project includes collaboration between national authorities, academia and business. This presentation will give an insight from an historical perspective as well as predicting what lies ahead.

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