



ViaNova Systems AS is developing and marketing software and offers programming, consulting and training in the field of design, construction and maintenance of transportation infrastructure and area planning. We provide an integrated professional design solution Novapoint for Civil Engineering and Transportation planning. We also provide programming services, local customisation and training. We have specialized in making complete IT solutions like National Road/Rail Data Bank and system-integrations for the Road-, Rail- and Civil Aviation Authorities, Municipalities and private companies. Based in Europe, Asia and Africa our products and services are expanding in a way that gives our products and customers new and shared values to the investment.

ViaNova Systems AS

Your competence partner within transportation

ViaNova Systems has 45 engineers at our main office in Sandvika Norway. Together with our part owned companies in the ViaNova network we are more than 300 dedicated specialists mixing system development with civil design and maintenance competence. Our main areas are:

- Software Modules - Novapoint
- Customised solutions
- Consulting
- Data modelling
- Specifications
- System integration
- Training
- Support
- Project-assistance
- Strategy
- Organizing
- Business development
- 3D and Virtual Reality presentations

Vision

Our vision is to become the leading vendor of professional system solutions within the field of design and management of infrastructure for transportation in Europe, Asia and Africa within 2008. ViaNova Systems wants to offer an exiting and future oriented grow place for people with knowledge and enthusiasm in developing common products, services and company culture.

Product development

Our flagship product, **Novapoint** is a modular, based design system (running on Autodesk platform) for planning and maintenance of Roads, Railways, Airports, including Area-planning, Landscaping, Land Acquisition, Water and Sewer, Soil-mechanics, Bridge, Tunnel, Street Lightning, Noise reduction, Civil Construction, 3D- and Virtual Reality.

Novapoint has a user base of 9300 licenses in 20 countries and is expanding gradually in Europe and Asia.

Customised solutions

ViaNova Systems has wide experience in consulting and development of CAD, GIS, GPS, Spatial databases, Web-/Internet, data

modelling and 3D/Virtual Reality fitted to large and small customers.

By integrating our own solutions with standard 3rd party software we are able to deliver cost-efficient and customised solutions to our customers. Our extensive program-libraries developed over 20 years allow us to provide optimised solutions with regard to manner of operation, capability, quality and prize.

System integration

To be able to store and share data between disciplines and across project life cycles we have developed a data-model technology called **Quadri**. **Quadri** is object-oriented and spatial datamodel and is database-independent. It runs on state of art database solutions as well as simple "free-of-charge" file-systems. Sharing of data instead of moving and transferring data has always been one of the important principles for all our development. Complete and professional solutions, module based products, mixing standard components with custom functions, object-oriented, easy and intuitive user environment are other elements in our development philosophy. These solutions have been chosen by large national institutions like road-, rail-, civil aviation and municipalities.

The **Novapoint** concept has had a positive influence on standardizing data flow between organizations and disciplines locally and internationally. We always aim to involve the users in all parts of the development process. This is why our developing teams mainly consist of experienced users. In all countries we operate in we have experienced local resources involved in development, maintenance and support.

Quality

ViaNova Systems has implemented RUP (Rational Unified Process). This in addition to modern software products integrated to our Intranet, as well as long experienced and high educated experts is giving us the quality reputation and leading position in the market. The fact that all employees are owner in their own company is also an important quality insurance.

Training and support

Through our network we provide training, support and expert assistance in the setting up and implementation of real projects. Our training team consists of experienced engineers both as users, technologists and educationists. The group has developed training materials and demo-material for most modules and in many languages including interactive training CD's and product DVD's. ViaNova Systems experienced engineers is also participating our customers design projects to improve the efficiency and knowledge

Organisation

ViaNova Systems AS is an independent IT and consulting company with 84% ownership by the employees. ViaNova Systems with its network has highly educated and experienced engineers in the field of Software development, Data modelling, Database Design, Graphic design, Survey, Map/GIS, Road, Rail, Soil-mechanics and high-end 3D and Virtual Reality presentations and analyses. ViaNova Systems has through our part-ownership in the ViaNova network access to over 170 Civil engineering specialists and 130 software developers and project leaders working mainly with ViaNova Systems products and services.

ViaNova Systems part-owned and networked cooperating partners:

ViaNova Systems AB – Stockholm, Sweden (61%)
ViaNova Systems OY – Helsinki, Finland (35%)
ViaNova Systems Danmark A/S – Aarhus, Denm. (60%)
ViaNova Systems Vietnam Ltd – Hanoi, Vietnam (60%)
ViaNova Systems Espana SA – Madrid, Spain (35%)
ViaNova Systems Trondheim AS – Trondheim, Norway (35%)
ViaNova Eureka AS – Sandvika, Norway (26%)
Quadri Components AS – Sandvika, Norway (50%)
ViaNova AS – Sandvika, Norway (50%)
ViaNova Systems Thailand – Bangkok, Thailand (100%)
ViaNova Plan og Trafikk AS – Sandvika, Norway (10%)
Dr. Ing. A. Aas-Jakobsen A.S. – Lysaker, Norway (2,3%)
ElectroNova AS – Sandvika, Norway (17%)
Novapoint Software Solutions (India) Ltd – Hyderabad, India (50%)

ViaNova Systems also offers system services in high-end 3D- and VR-presentations through the Nordic and Asian networked business groups:

North Vision

Creates 3D and Virtual Reality presentations on all levels in the Nordic and International market. 20 engineers and visualisation experts across the ViaNova network has 12 years of expertise in high-quality visualization production. Worked out more than 300 3D/VR-projects within the Civil and Transportation area. For more information: www.northvisions.com.

Norwegian Transportation Network - NTN

ViaNova Systems is a founding member of the transportation expert group of companies. NTN do common marketing and projects in the international market. For more information: www.norwegianntn.com.

Other cooperating partners in the network:

Norway

ElectroNova AS	Electrical engineering
Vardak AS	Software development
GeoVita as	Soil mechanics, geology
Norkart AS	Survey, Mapping and GIS
ViaNova Eureka AS	Software development
ViaNova TransIT	Intelligent Transp. Systems
Norwegian Public Road Adm.	Software development
SINTEF	Software development
Autodesk Inc	Software development/ Novapoint marketing

Sweden

CAD-Q	Novapoint marketing
ViaNova Systems Sweden AB	CAD-development/ Novapoint Marketing/ training/support

Denmark

ViaNova Systems Danmark A/S	CAD-development Novapoint sales/ training/support, VR, GIS
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Finland

ViaNova Systems Finland OY	CAD-development Novapoint sales/ training/support, VR, GIS
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Island

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Thailand

ViaNova Systems Thailand	Software development Novapoint sales/ training/support Civil engineering/ Novapoint marketing
NCE Co. Ltd.	

Vietnam

ViaNova Systems Vietnam Ltd.	Software development
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India

Paras Cadd Technologies	Novapoint sales/ training/support
Seccon Surveys	Novapoint sales/ training/support
Novapoint Software Solutions (India) Ltd	Documentation/support

South Korea

Dong Won Survey Consultants Co., Ltd.	Novapoint sales/ training/support
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Laos

MICRO-INFO Co., Ltd.	Novapoint sales/ training/support
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Malaysia

Acad Systems Sdn. Bhd.	Novapoint sales/ training/support
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Hong Kong

PIL Ltd.	Novapoint sales/ training/support
Spatial Technology Ltd.	Novapoint sales/ training/support

Spain

ViaNova Systems Spain SC	Novapoint sales/ training/support
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Abu Dhabi

Norplan Ltd.	Novapoint sales/ training/support
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Libanon

Wise-experts Ltd.	Novapoint sales/ training/support
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