

Digirakentamisen menestystarinoita maailmalta

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Viasys VDC Oy



Agenda

- Viasys VDC Oy
- Digirakentamisen yhtälö
- Caseja: USA, Englanti, Ranska, Vietnam
- Yhteenveto



VIASYS VDC YRITYKSENÄ

- Perustettu 1999, pääkonttori Espoossa ja tytäryhtiö Vietnamissa
- Yli 30 asiantuntijan tiimi, jolla mittava kokemus yhdyskuntarakentamisesta ja rakennusalan sovelluskehityksestä
- Asiakkaina julkisten infrahankkeiden tilaajat, isot suunnittelutoimistot ja urakoitsijat
- Olemme osa kansainvälistä Topcon verkostoa

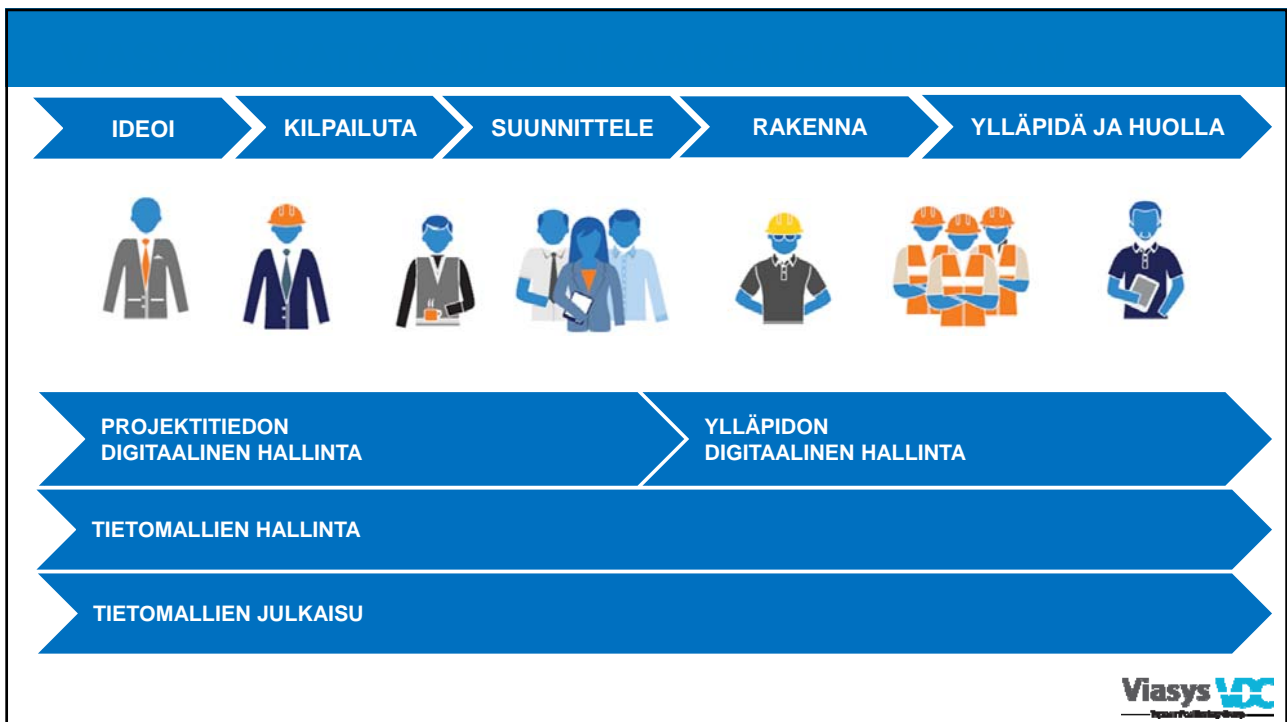
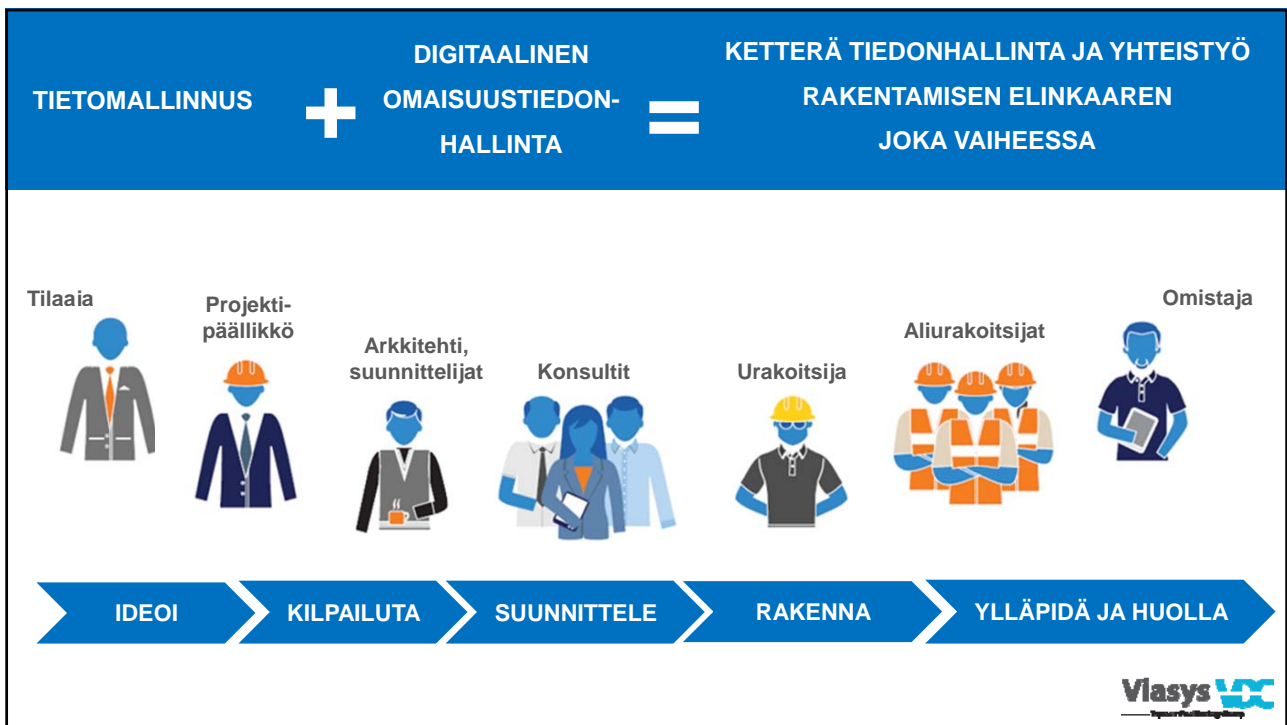


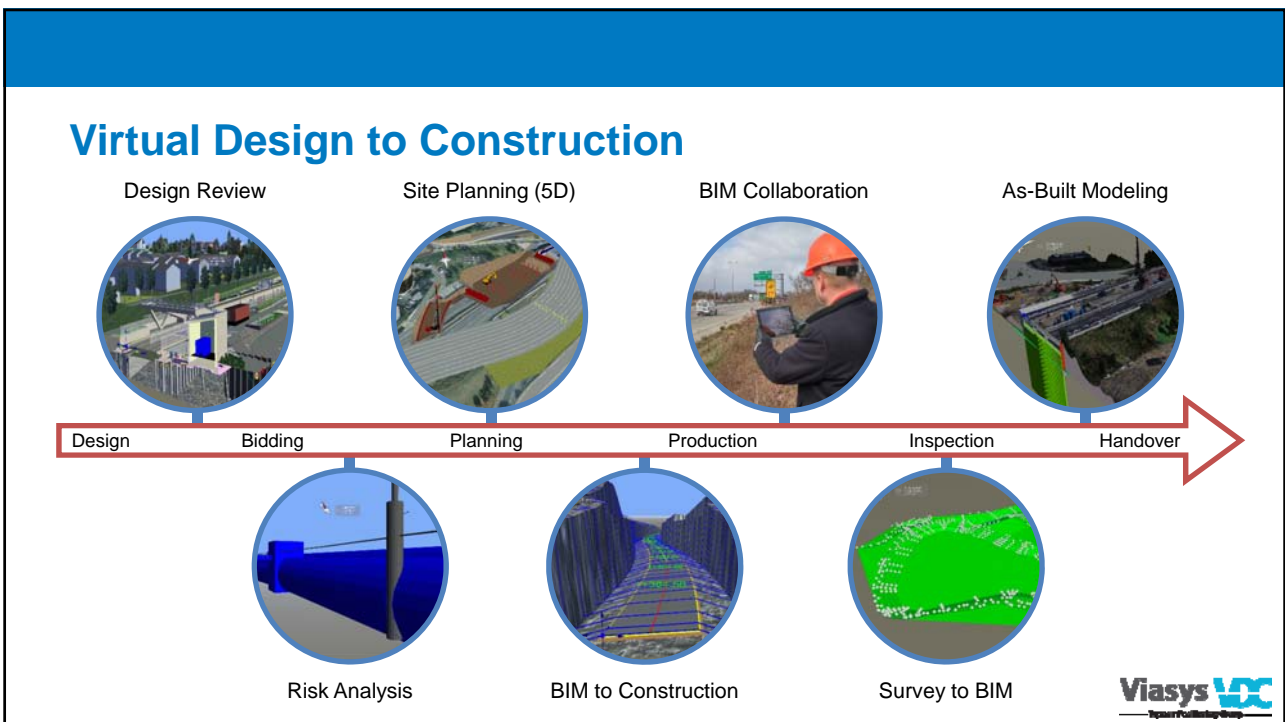
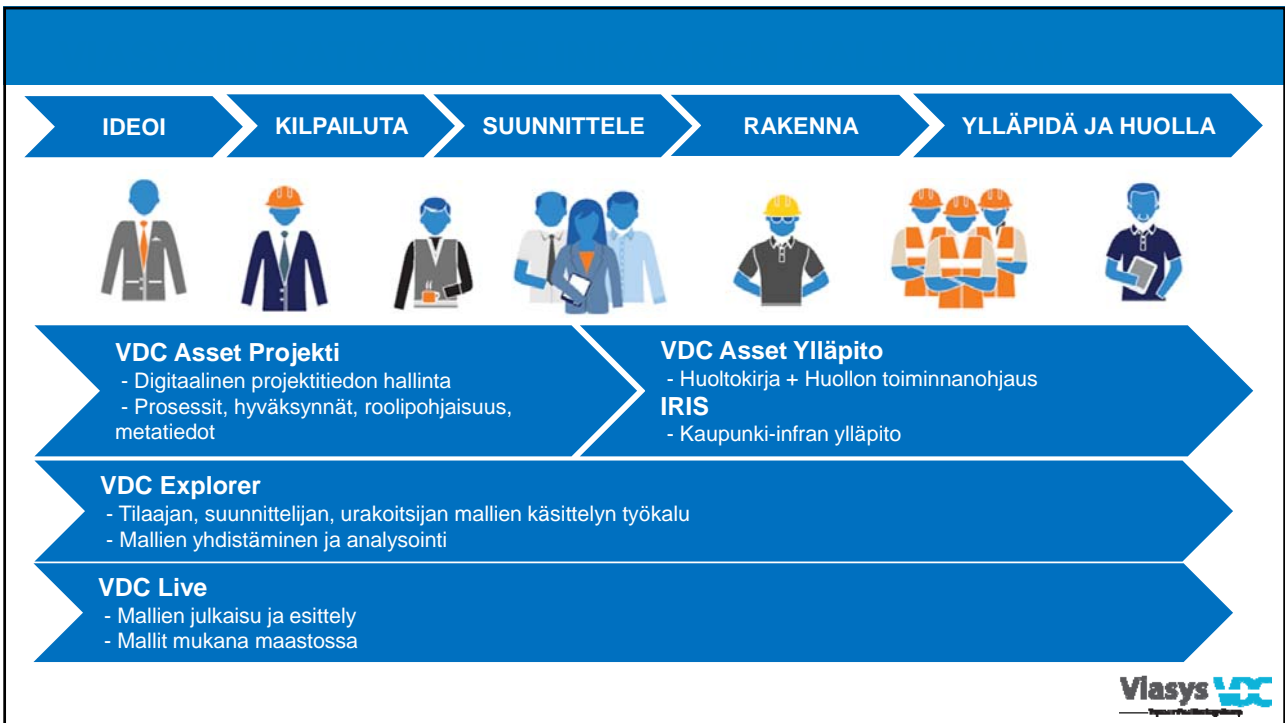
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Tarjoamme digitaalisen tiedonhallinnan ratkaisuja rakennushankkeiden tehostamiseksi.

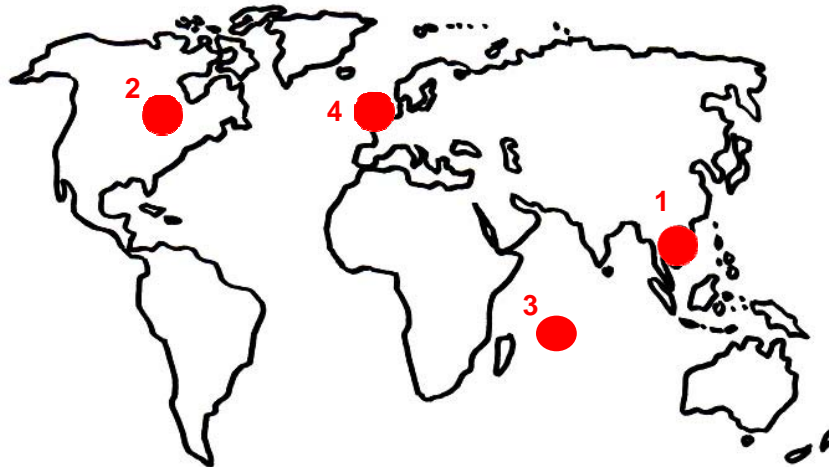
Autamme asiakkaitamme ottamaan käyttöön nykyaikaiset tietomallintamisen työkalut ja digitalisoimaan rakentamisen elinkaaren hankesuunnittelusta ylläpitoon.







Caseja maailmalta



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Case study- An Phuc International E & C, Vietnam

- VDC software provider, training & technical support
- Different desing tools in use
 - Autodesk Civil3D, Revit
- VDC Workflows
 - Open BIM workflows (LandXML, IFC)
 - Combine different technical disciplines
 - Utilize VDC models in design review meetings for design optimization
 - Collaborate with other project stakeholders & share BIM models
- Results
 - Deliver BIM models anytime required
 - Positive feedback from the owners



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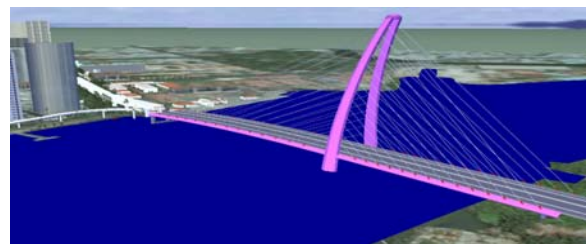
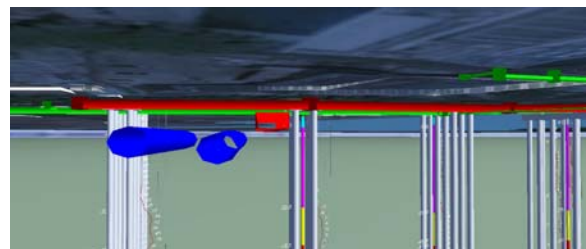
Nhon Trach 6 Industrial Park, An Phuc E & C, Vietnam

<https://www.youtube.com/watch?v=YlhZpVI9-P4>



Case study- Engineering Company/ TEDI South-Vietnam

- VDC software & training
- Software in use
 - Autodesk Civil3D, Tekla, Nova TDN2015, VDC
- VDC Workflows
 - Open BIM (LandXML, IFC)
 - Combine different disciplines for clash detection and design optimization
 - BIM- based design review meetings
- Results
 - Increased quality
 - Improved collaboration in design, communication with WSP and Dai Quang Minh (Owner) and DoT of HCMc
 - VDC is being studied for further usage in upcoming projects



Case study- WSP Finland & TEDI South / BIM in design phase of Thu Thiem 2 Bridge project



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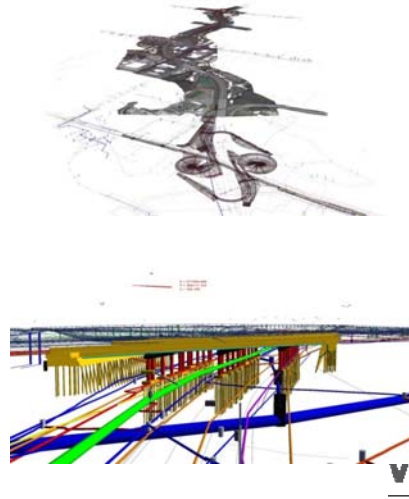


Zoo Interchange, Wisconsin DOT, USA

Case Study: Zoo Interchange Pilot

Owner: Wisconsin Department of Transportation, USA

- Multiple design systems in use
 - Autodesk Civil3D, Revit
 - Bentley InRoads, LEAP
 - Data formats: DWG, DGN, LandXML, IFC
- VDC Workflow
 - Parametric tools allows automatic utilities modeling from GIS systems
 - Direct links to input data allows automatic model updates when design changes
- Results
 - Cost effective modeling in 1 day
 - Design system independent BIM solution
 - Whole Zoo IC project as one model
 - Potential cost savings 2% ~ \$ 34 mill

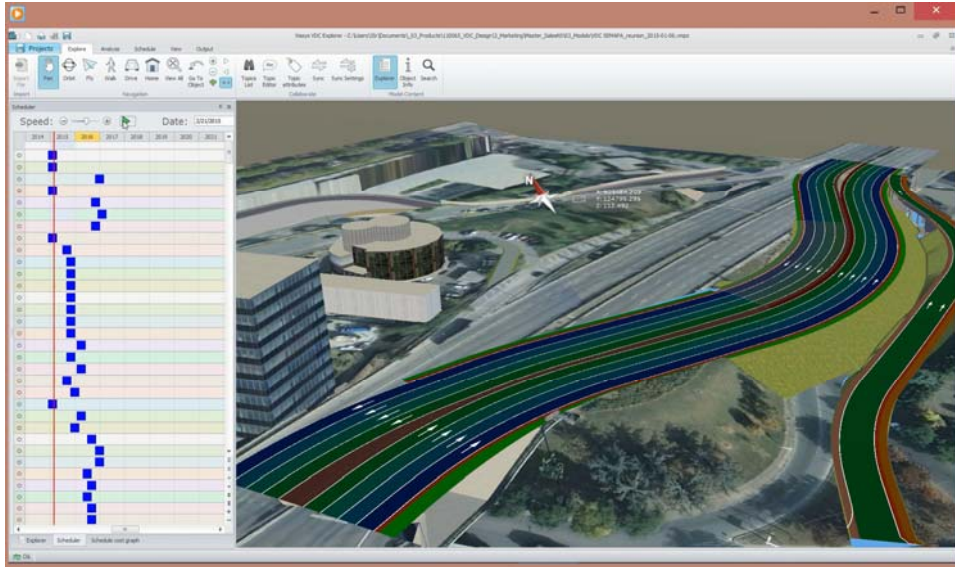


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Reunion, Ranska

Viasys VDC
Your Building Team

Reunion, Ranska

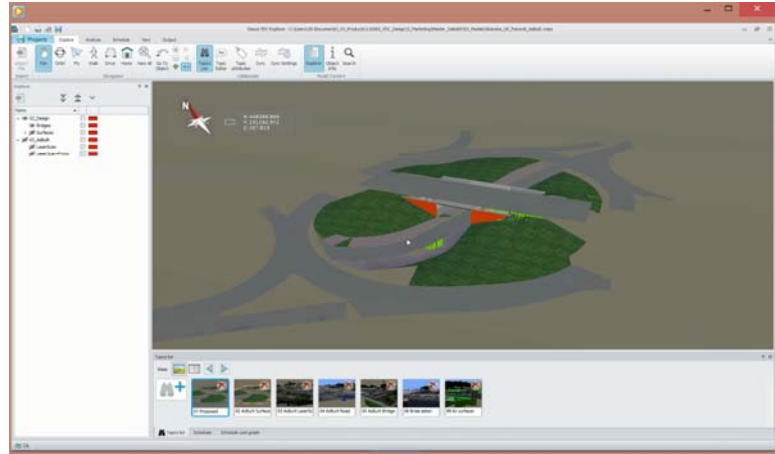


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Oxfordshire, Skanska, Iso-Britannia



Oxfordshire, Skanska, Iso-Britannia



Sammy the Site Engineer and Viasys VDC



Helping in Change from Documents to BIM



Viasys VDC

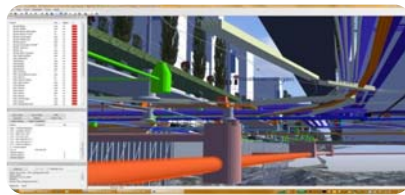
Making the Way

www.viasys.com

Model



Simulate



Collaborate

