IT-SIMPLICITY

FTTH / FTTX Software & Solutions for:
Network designers & engineers.

For the creation of:
Network concepts
Network designs
Network solutions
FTTH / FTTX networks
CONTENT

• ABOUT US
• PROJECT VISION
• FTTH / FTTX NETWORK SOFTWARE
• WHAT WE OFFER TO:

FTTH / FTTX NETWORK DESIGNERS & ENGINEERS
ABOUT US

IT-SIMPLICITY consists of a team of specialists with over 20 years of grounded experience in Telecom, Network Engineering, Project Management and Telecom Software & FTTH / FTTX network solutions.

Since we did a management buy-out in 2013-02-01 and took over all Software rights and ownerships we can now offer our software outside of DRAKA ( Prysmian).

Our keywords are: generic, flexible, scalable, strong and most important...... SIMPLICITY!
PROJECT VISION

Our project vision and software is developed within the same project department that build Telecom projects around the world for more than 20 years.

Therefor our software solutions are:
• simple to use
• quick to learn
• totally customizable
• easy accessible
• controlling the whole project-process
SOFTWARE

FTTH / FTTX ITS-Software Suite™: network design

NetDesign™
Flexible solution for FTTH / FTTX network design, based on Autocad. Automatic: costing, cabling, labelling, easy switch from P2P to GPON. Fast output as: schematics, installer ready & as-built designs. Easy to learn.
SOFTWARE

FTTH / FTTX ITS-Software Suite™: project management

NetProject™
Extensive system for: Material, Contract and Project management. Lego-like structure: three project levels with ‘building blocks’. Total process control, including: purchasing, contractors, progress reports. Completely customizable and simple to operate.
SOFTWARE

NetID™
Network registration with easy tree structure and integrated GIS. All information directly available for multiple users. All network details are directly available in multiple views and GIS. Lego-like customizable building blocks. Easy to operate.
SOFTWARE

NetOptimus™
Our automatic FTTH / FTTX network design solution.

Creates the highest quality FTTH / FTTX network-designs by using complex optimization algorithms within a user friendly graphical interface.

Cost optimized network designs are made in minutes instead of days.

Optimization parameters:
• Civil costs
• Material costs
• Installation costs
SOFTWARE  NetOptimus™

NetOptimus™ offers substantial benefits in terms of reducing the engineering time and network building costs.

The best network designs are listed and made visible within minutes.
SOFTWARE  NetOptimus™

Network designs and costs are directly available per area.

Multiple levels and network concepts.

Savings (approx):
- 20% less drop cable by improved grouping homes
- 2% less distribution cable by best DP positioning
- 2% less trenching costs by improved routing

100 times faster than manual / alternative engineering
What can we offer to:
FTTH / FTTX network engineers & designers?
We offer full support:

- With downloadable intelligent software tools
- For the fast & simple design of FTTH / FTTX networks
- Saving material & installation costs
- Creating reports with all quantities and requirements
THE ENGINEER, STEPS:

- Log in & download the software
- Install the software
- Instruction / training
- CAD: Start a new network drawing and draw possible trenches
- Log in & prepare the data on-line
- Optimize the network automatically with cables & manipulation points
- CAD: import the optimized network design
Download, Log in

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Download, optimization software

Free Downloadable Tools

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- **ITS NetOptimus brochure**
  - Download

- **ITS Software Suite brochure**
  - Download

- **ITS Software and Services presentation**
  - Download

- **NetOptimus installation**
  - Download

- **DrumFit installation**
  - Download
THE ENGINEER, STEPS:

- Log in & download the software
- Install the software
- Instruction / training
- CAD: Start a new network drawing and draw possible trenches
- Log in & prepare the data on-line
- Optimize the network automatically with cables & manipulation points
- CAD: import the optimized network design
Install the software

Install the Network Optimization software with the NOPinstall.exe
Install the software
Install the Autocad/Bricscad toolbar via simple instructions
THE ENGINEER, STEPS:

• Log in & download the software
• Install the software
• **Instruction / training**
• CAD: Start a new network drawing and draw possible trenches
• Log in & prepare the data on-line
• Optimize the network automatically with cables & manipulation points
• CAD: import the optimized network design
Instruction / training

NetOptimus help.pdf (help + a simple example project, 14 pages)
# Instruction / training

**CAD menu help.pdf** (installation procedure + help, 2 pages)

<table>
<thead>
<tr>
<th>Menu</th>
<th>Description</th>
</tr>
</thead>
</table>
| Import FTU/MDU| Starts a dialog to import your csv file with FTU/MDU locations. [FTU: Fibre Termination Unit / Single Dwelling Unit / Single home] [MDU: Multi Dwelling Unit / Apartment building]  
File format:  
Header: 1=(zip)code, 2=(house)number, 3=(A/B/C)extension, 4=room, 5=ftu amount, 6=x(coordinate), 7=y(coordinate)  
Example of the csv file:  
code;number;extension;room;ftu;x;y  
3122TG;123;;;1;85039.01;438437.41  
3122TG;114;;;5;85037.82;438437.26  
Inserts symbols in the drawing at certain coordinates. The FTU symbol shows the label as combination of: number-extension-room  
The MDU symbol shows 2 rows with text: label and amount of apartments |
THE ENGINEER, STEPS:

- Log in & download the software
- Install the software
- Instruction / training
- **CAD:** Start a new network drawing and draw possible trenches
- Log in & prepare the data on-line
- Optimize the network automatically with cables & manipulation points
- **CAD:** import the optimized network design
Start a new network drawing
Start a new network drawing

Use the toolbar to insert FTU’s and possible trenches, roadcrossings etc.
Prepare the whole area
THE ENGINEER, STEPS:

• Log in & download the software
• Install the software
• Instruction / training
• CAD: Start a new network drawing and draw possible trenches
• Log in & prepare the data on-line
• Optimize the network automatically with cables & manipulation points
• CAD: import the optimized network design
Log in and prepare on-line

Customer login

Log in

Email :
Password :
dick.van.den.dool@it

Login

Forgot your password?
## Upload trench data

<table>
<thead>
<tr>
<th>menu</th>
</tr>
</thead>
<tbody>
<tr>
<td>Welcome</td>
</tr>
<tr>
<td>Upload history</td>
</tr>
<tr>
<td>Payments history</td>
</tr>
<tr>
<td>Your profile</td>
</tr>
<tr>
<td>Log out</td>
</tr>
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</table>

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### Welcome!

Welcome Dick van den Dool.  
Company: IT-Simplicity

<table>
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<tr>
<th>Credit Status</th>
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<tr>
<td>Remaining credits</td>
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</tbody>
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---

Upload the NetDesign data file (*.nif) from the NetDesignData folder.

- **Project name:**

  - **Upload**

  - **Browse...**
Upload info

Welcome Dick van den Dool.
Company : IT-Simplicity

Purchased credits : 34000
Used credits : 13919
Remaining credits : 40081

Upload the NetDesign data file (.xml) from the NetDesignData folder.

Project name : 

Upload

Payments history (2)

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<th>Id</th>
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THE ENGINEER, STEPS:

• Log in & download the software
• Install the software
• Instruction / training
• CAD: Start a new network drawing and draw possible trenches
• Log in & prepare the data on-line
• **Optimize the network automatically with cables & manipulation points**
• CAD: import the optimized network design
Automatic optimization
Automatic optimization
Cable, trench, manipulation costs
Multiple levels, cost optimized
On-line maps & Google Earth
THE ENGINEER, STEPS:

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CAD: import optimized design
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