

AUTOMATION TECHNOLOGIES



NEPLAN
Smarter Tools

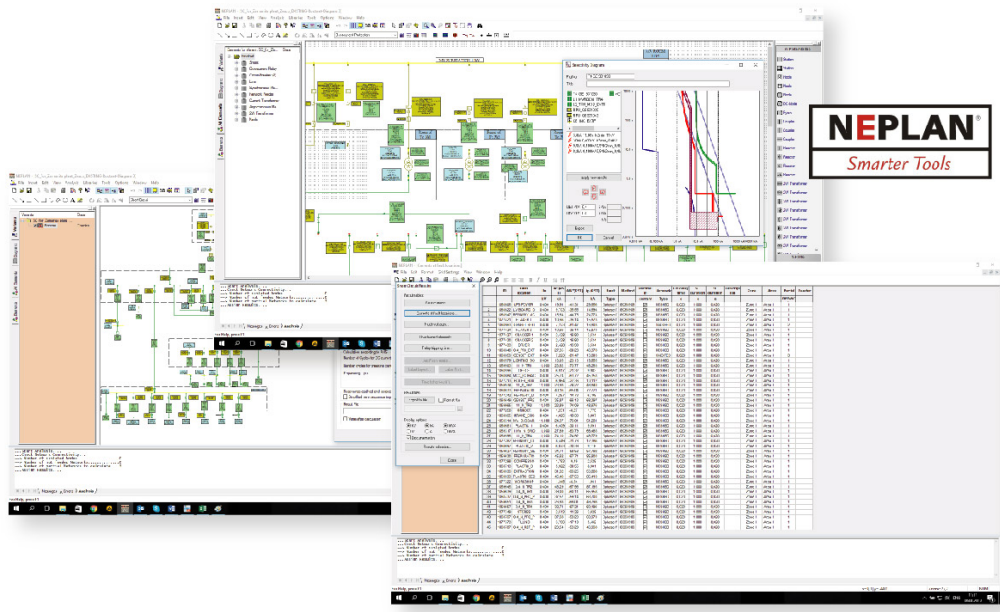
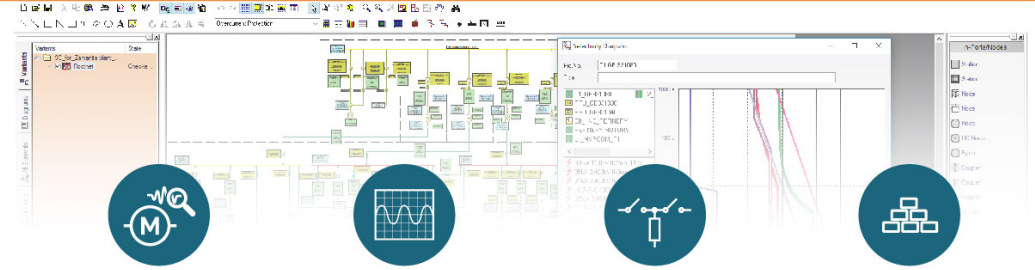
NEPLAN SOFTWARE FOR DESIGN AND MAINTENANCE
OF THE POWER SYSTEMS

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 **INFOCOM Ltd**
TOTAL AUTOMATION

Application of NEPLAN software during design and maintenance of the power systems provides opportunity to automate several important calculations that significantly reduces the possibility of errors due to the human factor influence.

- 1 Short circuit calculations
- 2 Load flow calculations
- 3 Reliability research
- 4 Maintenance planning
- 5 Motors start analysis
- 6 Harmonic analysis
- 7 Calculation of directional protection
- 8 Selectivity analysis
- 9 Cable selection
- 10 Power system stability
- 11 Optimization of power supply systems
- 12 Economic efficiency calculation
- 13 Power system behavior simulation
- 14 Power system dispatching with GIS/NIS conjunction



NEPLAN
Smarter Tools

Our experience and knowledge of NEPLAN allows our customers to receive the following:

- Audit of protection devices and power distribution systems
- Assessment of equipment technical condition
- Analysis of cable lines with respect to pre-emergency status and thermal resistance
- Determination of elements that overload electricity network and optimizing it
- Reduction of production downtime
- Improvement of reliability and resiliency of the electrical equipment
- Planning maintenance and modernization of electric networks
- Analysis and planning of medium and long-term investments
- Ability to integrate into the customer's IT-system

