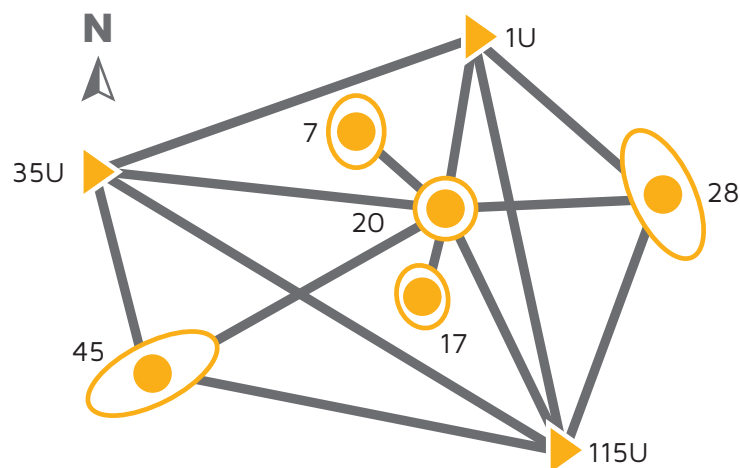# **Datu**Measure™

Software for geodetic calculations and combined network adjustments
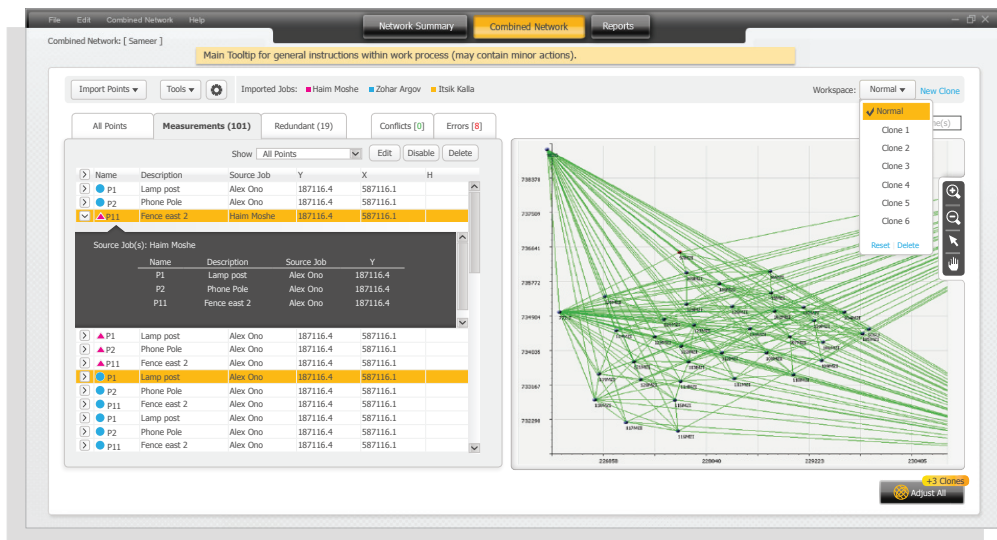
- ✓ Calculations, transformations, fatal error detection and network adjustments

- ✓ Supports measurements by RTK-GPS, TPS, leveling and close-range photogrammetry

- ✓ Network adjustment of combined measurements

- ✓ Numerous advanced features

- ✓ Intuitive user interface allows immediate usage

Datumate
Geomatics Expert Systems

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DatuMeasure™

Software for geodetic calculations
and combined network adjustments

DatuMeasure™ Screenshot

Key Features

- Network adjustment of combined measurements: from different measurement technologies, multiple field teams or different days
- Automatic detection of fatal errors: unreliable GPS measurements, point name confusions, independent loops and misclosures and more
- Coordinate transformations using Helmert transformation
- Definition of source and target ellipsoid datums
- Least-square network adjustment: vectors weighted by covariance or GPS vector STD
- Utilizing national and local geoid undulation models
- Utilizing fixed transformation parameters and calculating local transformation parameters
- Managing shared library of licensed points
- Support of numerous measurement file formats: Trimble, Leica, Topcon and more
- Export measurements to CAD software and other useful formats
- Management of survey project database: measurement files, images, field books, scanned documents, etc
- Available in multiple languages

System Requirements

Operating Systems
- Windows XP
- Windows 7 (recommended)
- Windows 8

Hardware Requirements
- CPU: i3 or equilivant (rec. i5)
- RAM: 4GB (rec. 8GB)
- HD free space: 10GB (rec. 20GB)
- Display Resolution: at least 1,280x768 with True Color (rec. 1,600x960)
- Graphics Card: at least 0.5GB (rec. 1GB)

Connectivity Requirements
Available Internet connection for installation, activation and upgrades

Company Profile

Datumate is a leading vendor of geodetic expert systems. Datumate software products, combining technological innovation and geodetic expertise, support land surveyors worldwide by improving productivity, quality control and management of surveying project.

Among Datumate's customers is the Survey of Israel, Israel's national mapping agency, as well as numerous leading land surveying firms. Datumate is backed by some of the largest venture capital firms in Israel.

To learn more see:
www.datumate.com