REAL-TIME QC SOFTWARE
LAND

RadExPro REAL-TIME
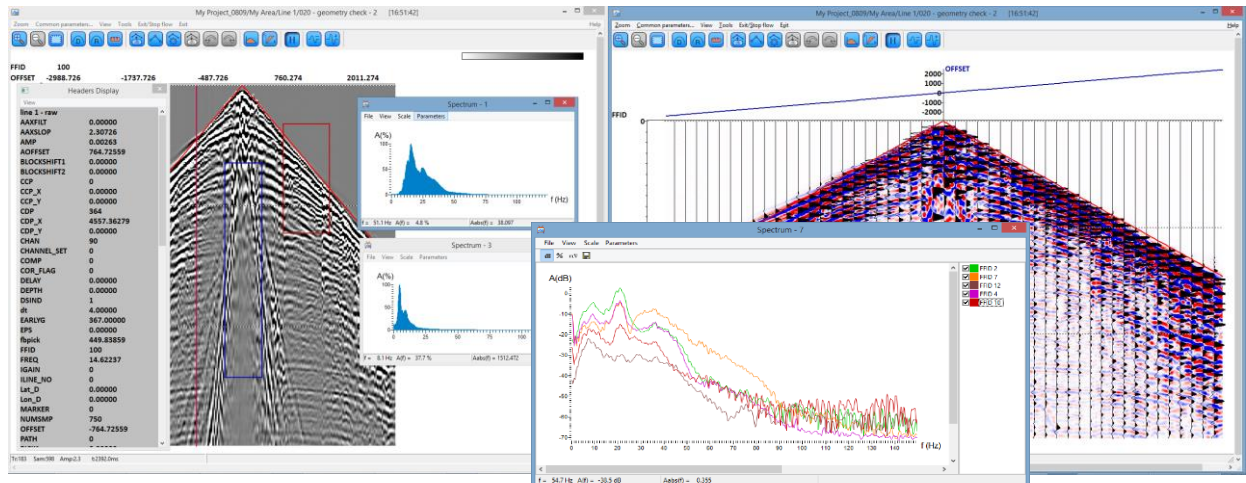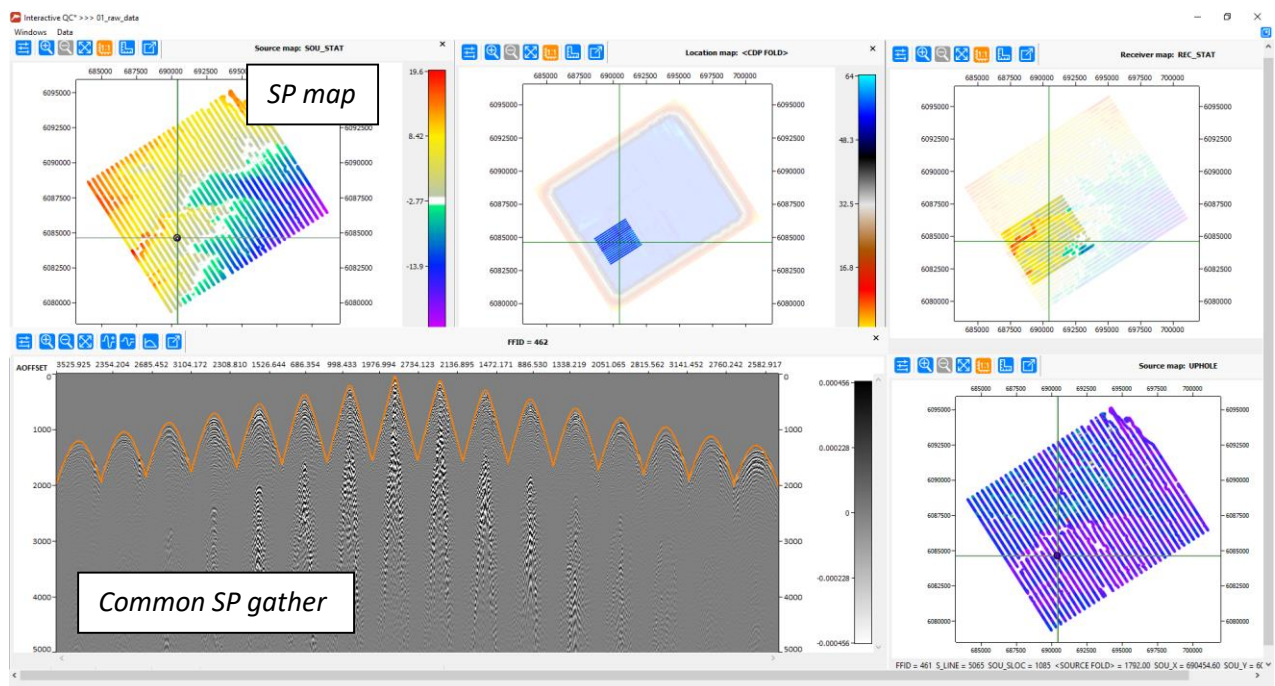
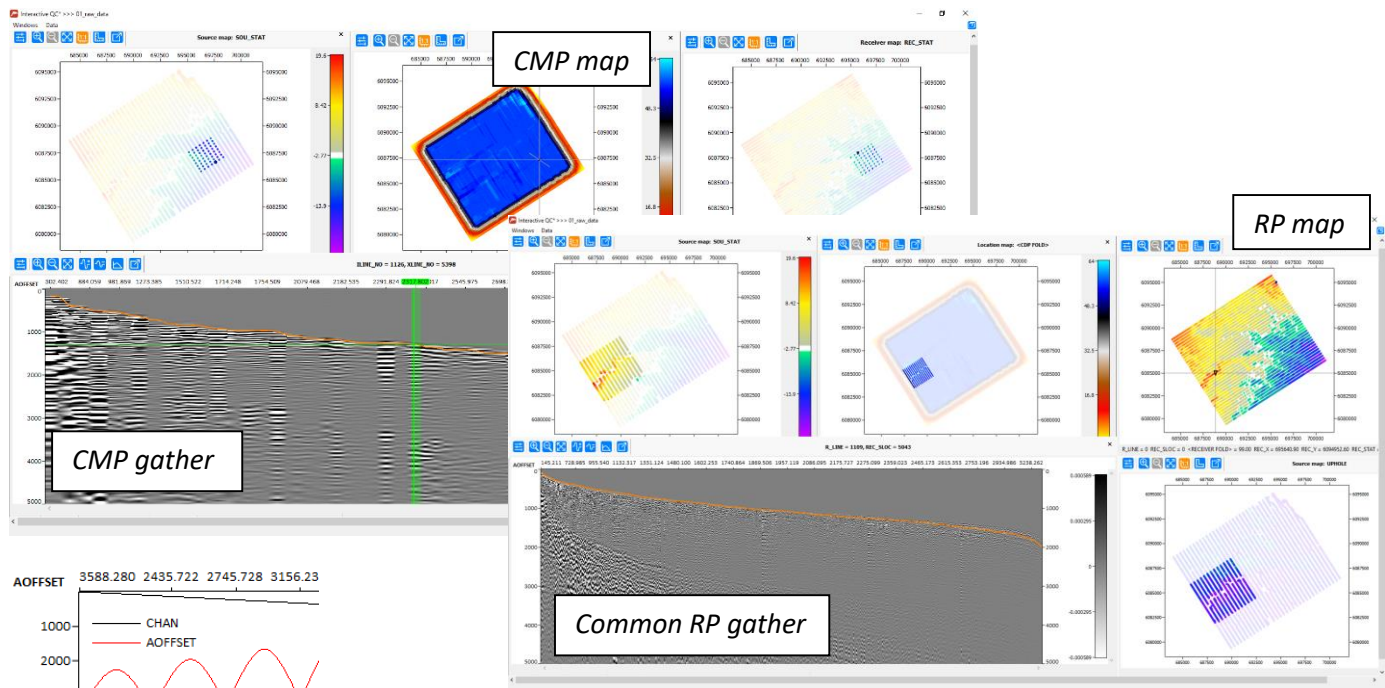seismic software

SEISMIC QC FOR LAND ACQUISITION

RadExPro is fully capable for 3D or 2D land seismic acquisition QC, either off-line or real-time:

- Fast data input from SEG-D (including rev. 3) and SEG-Y files

- Geometry assignment from SPS files

- CMP binning

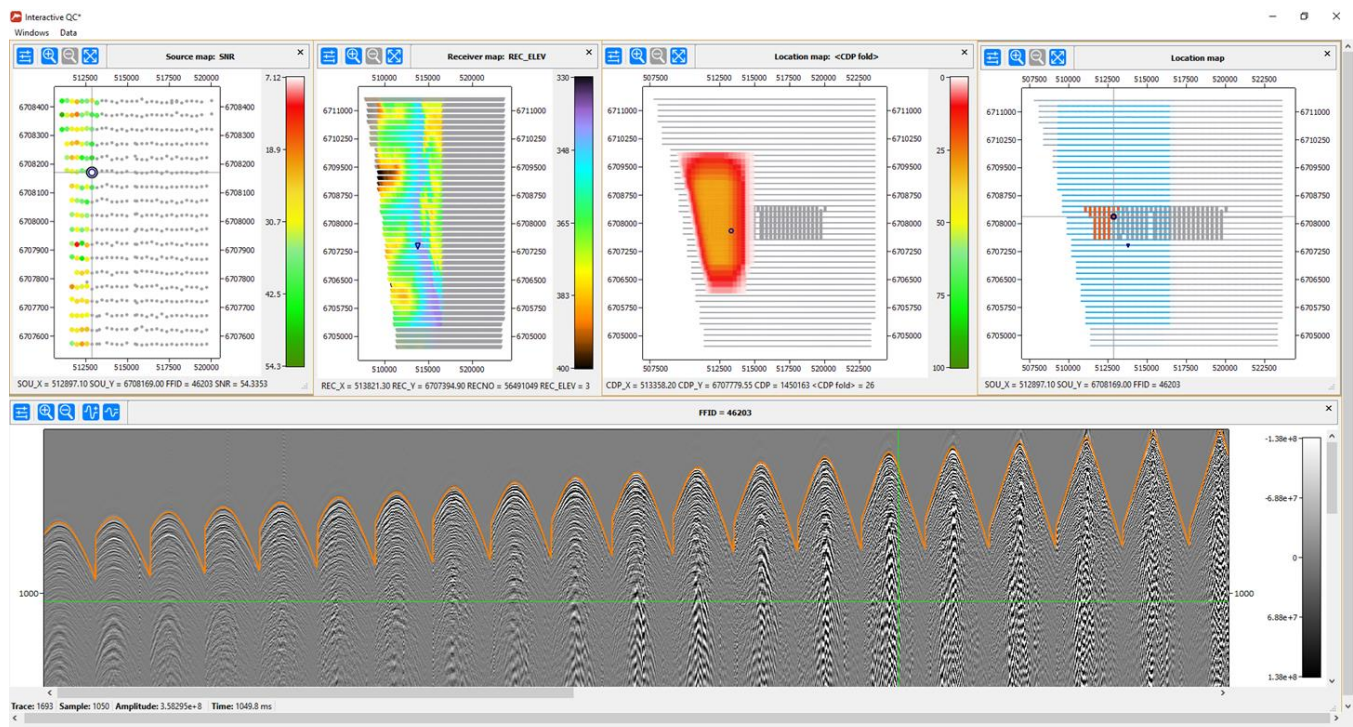- Well-developed tools for data display and analysis

- Evaluation of a number of QC attributes in arbitrary windows, as well as their derived combinations

- Interactive common source/common receiver/CMP attribute maps, CMP fold map, location map for advance analysis of data quality – all maps are fully synchronized between each other and with seismic display (common SP/RP/CMP, depending on the map clicked). Each map can have a background image. Active template is highlighted along with SP, RP and CMP of the current trace under cursor.
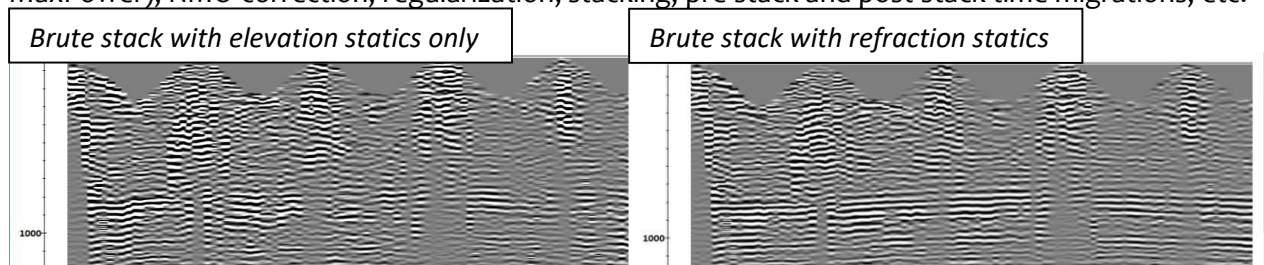
CMP map

RP map

CMP gather

Common RP gather

- Header plots with legend.

- Statistics: total shots, number of bad shots (according to a user-defined criteria), CMP coverage.

- Real–time QC – control the data quality as soon as it is acquired for making decisions and fixing problems immediately
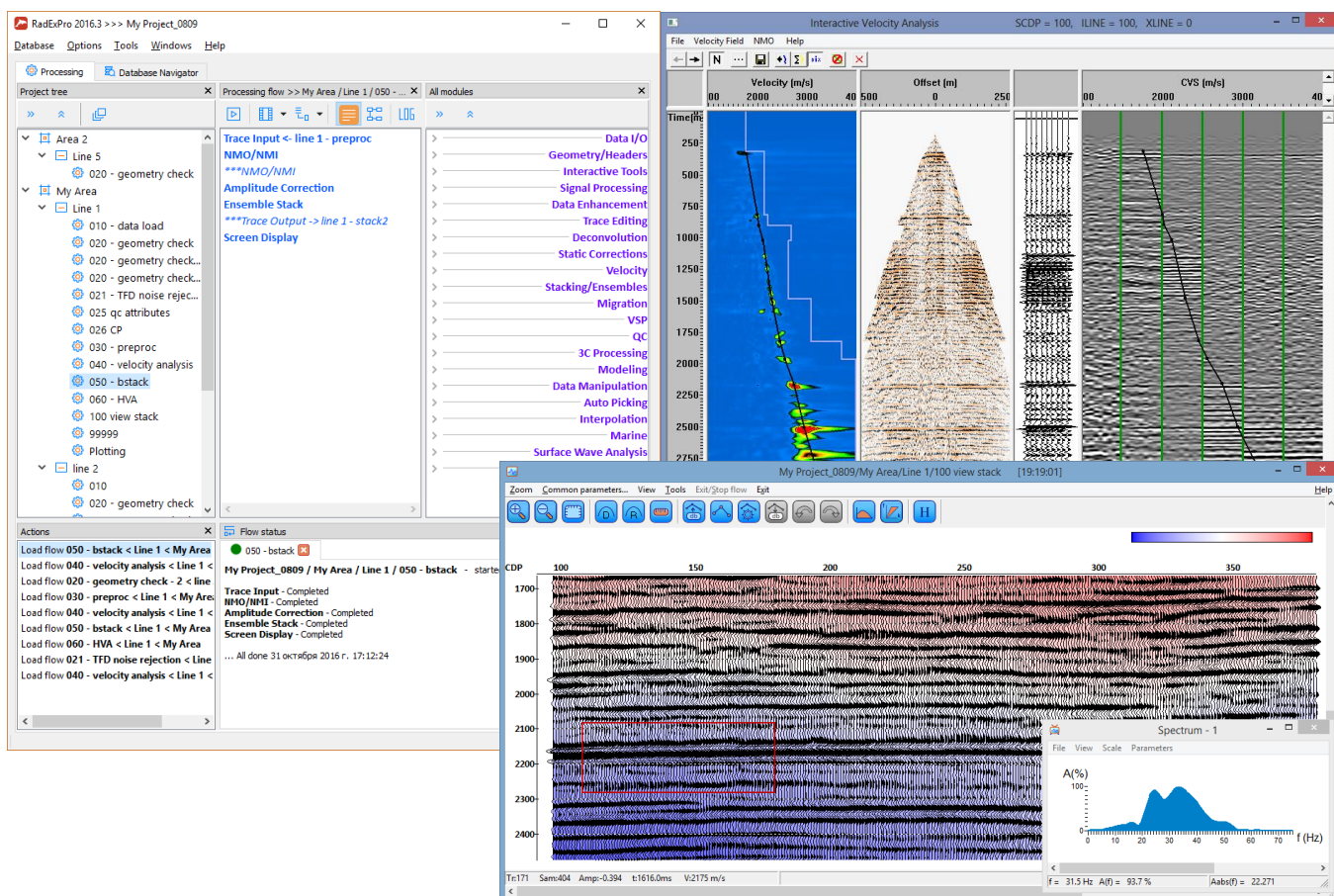

- Geometry control by first-breaks – off-line and in the real time

INFIELD PROCESSING

- Complete set of industry-standard algorithms for data processing up to brute stack: vibroseis correlation, trace editing, band-pass and FK filtering, Radon, FX and FXY decons, TFD noise attenuation, amplitude corrections, deconvolutions, interactive velocity analysis, statics (refraction, elevation, MaxPower), NMO-correction, regularization, stacking, pre-stack and post-stack time migrations, etc.

Brute stack with elevation statics only	Brute stack with refraction statics

- Handy data management tools: processing in projects, dataset history, etc.

- Parallelization

RECOMMENDED MINIMUM SYSTEM REQUIREMENTS

Intel Core i5, 4-core CPU, RAM 16 Gb, Windows 7/8/10 64-bit OS

RadExPro Europe OÜ
Järvevana tee 9-40
11314 Tallinn, Estonia

sales@radexpro.com
support@radexpro.com
www.radexpro.com