Two Way Wave Equation
RTM (source-receiver wave correlation)

• Breakthrough performance, competitive with current one-way WEM imaging technologies.
• Oset gathers produced from RTM – suitable for velocity update analysis.
• Incorporates VTI & TTI Anisotropy.
• Suppression of inherent RTM and dispersion noise.
• SIP velocity modelling workflow provide accurate velocity attributes for RTM.
• SIP RTM provided by Tsunami Development Inc.

HTI & VTI Anisotropy

Noise Suppression

RTM can suffer from inherent and dispersion noise types. The final RTM result shows this noise is well controlled.

Offset Gathers

Many RTM products produce only stack results, or at best angle gathers. SIP provides offset gathers, suitable for residual velocity analysis.