



RPM™ Processing

Quality

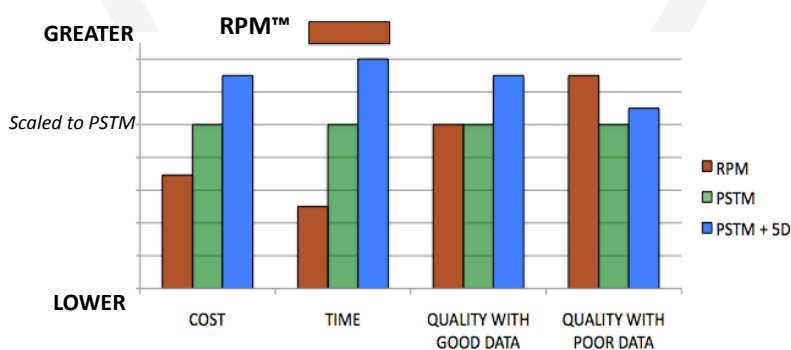
RPM™ has been developed as an alternative to conventional Kirchhoff seismic processing for challenging 2D and 3D applications. RPM™ is a full Pre-Stack time migration technique that uses a modified Kirchhoff formulation, which tracks the source and receiver locations exactly. Migration without binning greatly improves quality, especially with irregularly or poorly sampled data. Loved by geophysicists, this data-driven process has generated a major following since being introduced.

Speed

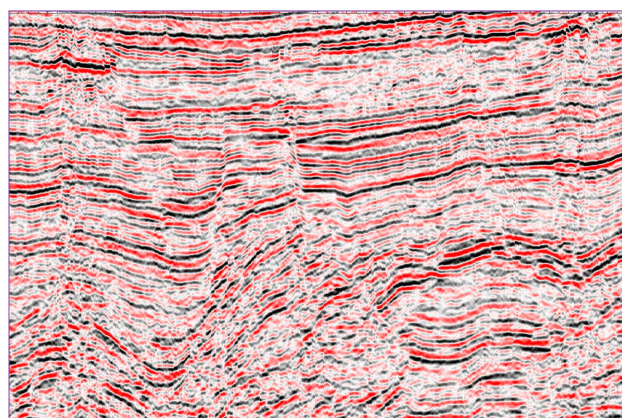
The speed of RPM™ is impressive. It allows extensive parameter testing, azimuthal processing, merging of 3D and any application where results are required quickly. With RPM™ we can typically provide a first result in less than half the time of conventional PSTM. Such speed also allows us to fully process data in the field and we can quickly show the result of parameter testing to the client - *at their location*.

Cost

RPM™ offers a number of valuable benefits over conventional Kirchhoff PSTM: shallow imaging, higher resolution, imaging of irregular data, and crooked line processing. Processing costs are generally lower and major discounts are available for sizeable jobs. Contact us about your specific needs, request a no obligation quote (2D or 3D), or talk to us about our other services.



Typical comparison of AusGeos RPM™ to Conventional PSTM and PSTM+5D Interpolation



Southern Margins – AusGeos RPM™ improved imaging