The One Virtual Source® framework architecture consists of three layers: virtual integration, workflow analytics and automation, and presentation. The virtual integration layer uses live data connections to link historians, ERPs, and other data sources together for interaction in the workflow automation and presentation layers. The workflow automation layer provides a complete design and run-time environment for the capture of analytics and workflow processes. Finally, the presentation layer displays the live output of the virtual integration and workflow layers in easy-to-use reports, charts, maps, and other visualization tools. This flexible architecture allows the OVS framework to be scaled to virtually any type of producing field and provides configurable solutions tuned to asset and user requirements.

One Virtual Source components reflect the distinctive features of the framework and identify areas of E&P integration through workflow automation, application integration, surveillance, and data integration. One Virtual Source impacts clients of all sizes, ranging from global super majors to independent resource holders alike. Built on the .NET 4.0 framework, the flexibility and connectivity of One Virtual Source ensure solutions configured to your business and engineering needs.