## INT: Wellbore Viewer

<table>
<thead>
<tr>
<th>Wellbore Viewer (INT)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Product Description</strong></td>
</tr>
</tbody>
</table>
| Enterprise Wellbore Viewer  
Version 3.0  
WITSML Object Specifications Version V1.3.1.1  
WITSML API Specification Version V1.3.1  
Enterprise Wellbore Viewer allows a company or an ASP provider to manage and deliver the capability to view log, drilling, and completions data within a web browser, from a centralized data server. |
| **Availability** |
| From December 2007 |
| **Submitter Information** |
| Paul Schatz  
Telephone +1 713 975 7434  
paul.schatz@int.com  
October 11, 2007 |

Interactive Network Technologies, INT is a leading provider of high performance software components for visualization and analysis of complex data.

Contact Person: Paul Schatz *(steering committee)*
## WITSML Function Coverage

Check all that apply. Explain limitations and/or special circumstances in the Comments area.

### Notes:

Functional coverage is organized according to five kinds of product functionality with respect to the WITSML Standards: two kinds of client functions and three kinds of server functions.

- A product may exhibit multiple kinds of functionality.
- The terms client and server are used here exclusively with respect to the WITSML Server API interfaces. Clients issue requests to servers. Servers receive and respond to requests from clients.
- Behaviors for products that do not use the WITSML Server API are classified in an analogous manner.

The five product classifications of WITSML functional coverage are:

- **Client Products** --
  1. **WITSML Producer Client** -- a product that generates or otherwise obtains data that is formulated as WITSML object instances and sent to a WITSML Server to be incorporated in that server's data population. Examples of such products include products that pick up real-time data from sensor devices, format it, and send it to a server; and products that extract data from data stores, format it, and send it to a server.
  2. **WITSML Consumer Client** -- a product that issues requests for data as queries of subscriptions to a WITSML Server and then receives data as query responses or subscription publications. Examples of such products include products that acquire data from a server, possibly reformat it, and deliver it to an application program or viewer utility.

- **Server Products** --
  3. **WITSML Receiving Server** -- a product that performs WITSML Server functions in general and, in particular, acquires data from external sources. Data acquisition may be through WITSML API interfaces or other mechanisms.
  4. **WITSML Delivering Server** -- a product that performs WITSML Server functions in general and, in particular, delivers data to external destinations. Data delivery may be through WITSML API interfaces or other mechanisms.
  5. **WITSML Managing Server** -- a product that performs WITSML Server functions in general and, in particular, supports requests from authorized client applications to augment (extend), modify, or delete (part or all) WITSML object instances.

- **General Functions** --
  6. Virtually all products associated with the WITSML Standards will issue and/or process **WITSML Server General Functions** to determine the capabilities and version of a server product.

### 1. WITSML Producer Client

A product that (generates and) sends WITSML object instances to a destination process:

1a [ ] Sends to a WITSML Server using AddToStore interface

1b [ ] Otherwise
2. **WITSML Consumer Client**
   A product that requests and receives WITSML data from a source process:
   2a [X] Queries a WITSML Server using GetFromStore interface
   2b [___] Subscribes to a WITSML Server using Publish interface
   2c [___] Otherwise

3. **WITSML Receiving Server**
   A product that performs the WITSML Server interfaces and receives data from source processes:
   3a [___] Receives WITSML object instances via AddToStore interface
   3b [___] Otherwise receives WITSML object instances
   3c [___] Receives non-WITSML form data treated as if it were WITSML object instances or a virtual equivalent

4. **WITSML Delivering Server**
   A product that performs the WITSML Server interfaces and delivers data to destination processes:
   4a [___] Delivers WITSML data in response to queries via GetFromStore interface
   4b [___] Publishes WITSML data in response to subscriptions via the Publish interface
   4c [___] Otherwise delivers WITSML data
   4d [___] Delivers non-WITSML form data derived from WITSML object instances or a virtual equivalent

5. **WITSML Managing Server**
   A product that performs the WITSML Server interfaces and manages (augments, changes, deletes portions, or deletes entirely) WITSML object instances or a virtual equivalent:
   5a [___] Processes modification requests via AddToStore, UpdateInStore, DeleteFromStore interfaces
   5b [___] Otherwise processes modification requests

6. **WITSML General Functions**
   A product that issues general WITSML Server interface requests to a WITSML Server:
   6a [___] Issues GetVersion and/or GetCapabilities
   6b [X] Processes GetVersion and/or GetCapabilities

---

**WITSML Object Coverage**
Mark D for **Deliver** and R for **Receive**, as applicable. If all functions do not apply, note either functions supported or functions not-supported, e.g. supported by 1a. Explain other limitations or special cases in the Comments area.

- [___] Realtime
- [R] Well
- [R] Wellbore
- [R] Log & WellLog
- [___] Trajectory & Traj. Stn.
- [___] Message
- [___] Mud Log
- [___] Rig
- [___] Survey Program
- [___] Target
- [___] Fluids Report
- [___] Operations Report
- [___] Risk
<table>
<thead>
<tr>
<th>Formulation Marker</th>
<th>Conventional Core</th>
<th>Sidewall Core</th>
<th>Cement Job</th>
<th>Tubular</th>
<th>BHA Run</th>
<th>WB Geometry</th>
<th>Other, specify: ____________________________________________</th>
</tr>
</thead>
</table>

**Comments:** None.

**Last Update**

October 11, 2007 by Paul Schatz