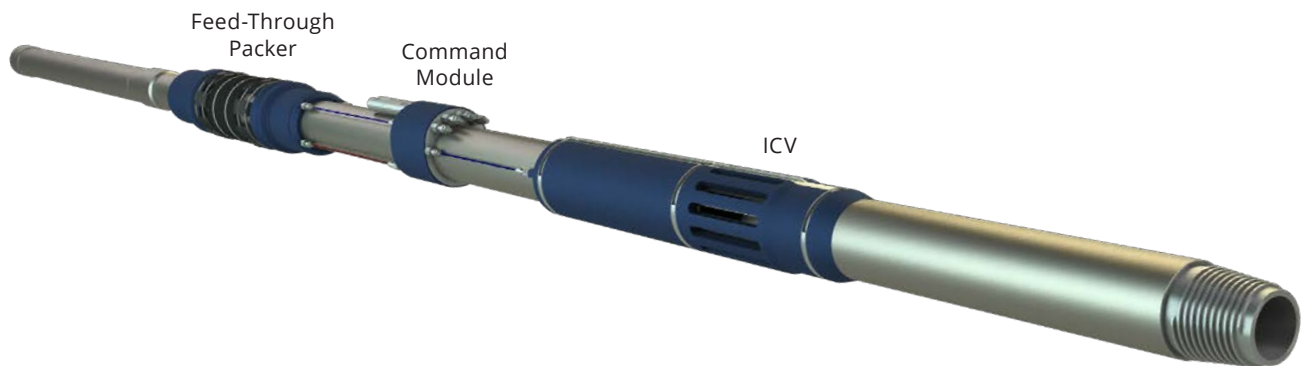


The **Superior Bossa Nova™ Intelligent Well System** is a multi-node production or injection network of ICV's, utilizing just three hydraulic control lines. The unique command module architecture provides the necessary control of the ICV of choice for a seamless transition from a full open to a full close position, or any position in between. Its features and benefits outweigh other solutions in this arena without having to resort to complex downhole electric/electronic systems with known reliability challenges. By using industry-proven hydraulic systems with a long-established and proven track record, as many as 20 or more valves can be configured at sandface for a selective operation with short and simple surface commands.



Challenges

- * Multiple penetrations
- * Poor zonal productivity
- * Early water/gas breakthrough
- * Low reliability of ICV's



Strategy

- * 3 control lines / 20+ zones
- * Remote selectivity of ICV's
- * Easy surface control
- * Simple design and solution
- * No downhole electronics



System



- * Hydraulic only valves
- * Multiple ICV's at sandface
- * Zonal monitoring
- * Mechanical redundancy

Solution Partners:



Bossa Nova™ is an Entech Solutions trademark for their proprietary, three-line intelligent well production control architecture.

Contact Us

-  16610 Aldine Westfield Rd. Houston, TX
-  (281) 784-5700
-  completionservices@superiorenergy.com
-  www.superiorcompletionservices.com