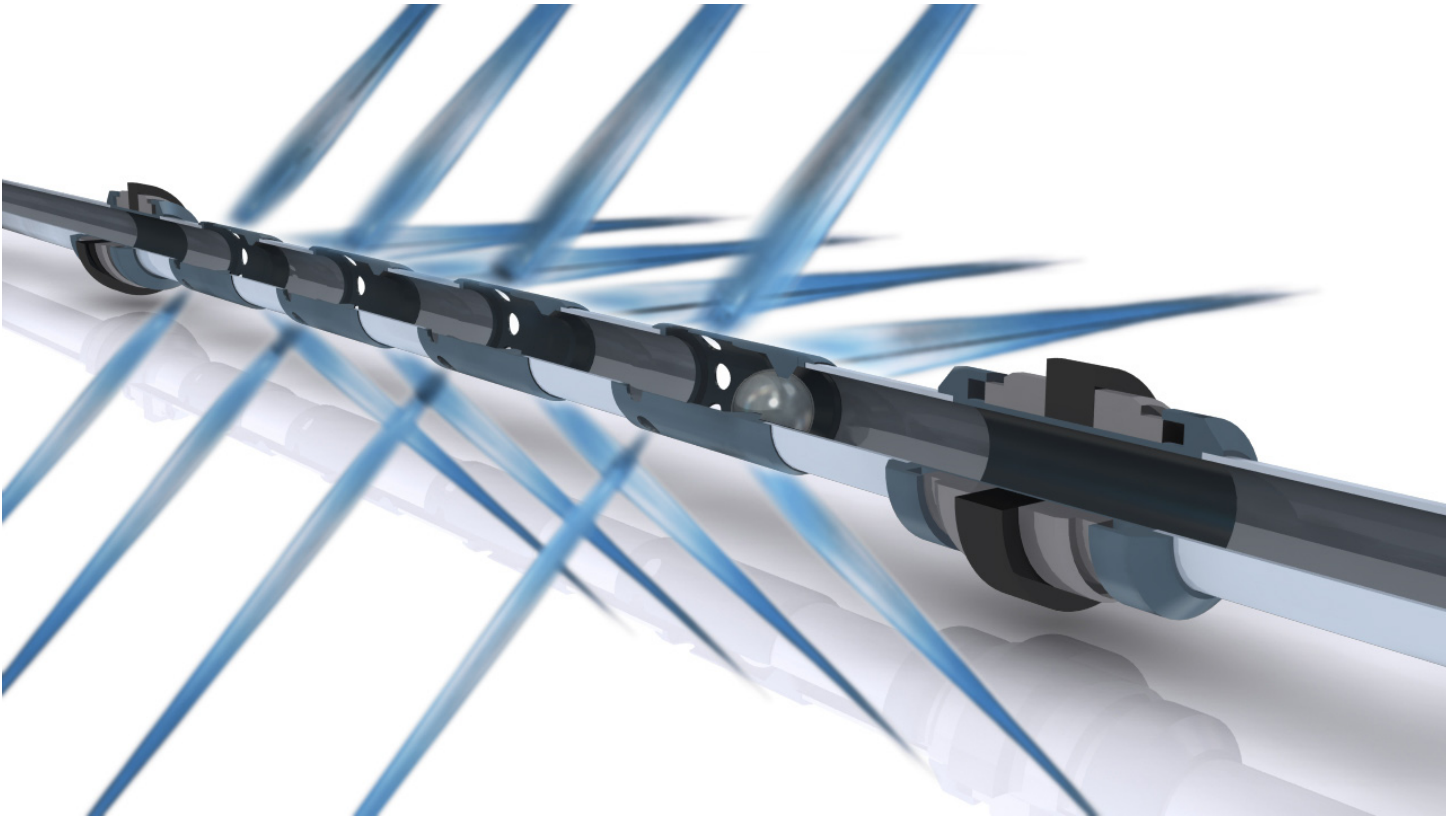


i-Frac

redefining wellbore physics

A safe and optimal system for increasing oil and gas production, with a high cost saving installation



In response to the increasing demand for high performance equipment for demanding fracturing applications, i-Tec have developed the i-Frac system. i-Frac is a cost effective ball drop activated frac valve solution which has been developed around the same platform as our series of high performance i-Valves. The i-Frac system allows the customer to install multiple valves per zone to be stimulated in order to maximise stimulation and production.

The frac valves in each zone are shifted open by pumping a ball from surface. One ball will shift all valves in the same zone and will land in a ball seat in the bottom valve of the zone, in order to control the direction of the frac fluid out through the ports. By installing multiple frac valves in one zone the entire interval of the zone gets stimulated and not just the centre. The seats are millable for future full bore/through tubing intervention needs, and the balls may be produced back to surface post-stimulation operations.

The activation ball has increments and depending on the completion size the i-FRAC valves can be installed in multiple zones per well, each zone with multiple frac valves. The i-FRAC valves are module based, where the system may be supplied interchangeable nozzles for optimised stimulation/production of each zone, special coating to combat erosion and scale, self cleaning debris management, etc upon customer request. Implementation of our i-Frac system will maximise your shale output whilst also minimising the associated cost and risk.

maximise stimulation exposure



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