



Aelium WITS™ Torque Subs

WITS™

Wireless Information Technology System

Advanced Data Acquisition

Accuracy

The WITS™ is built with integrity and precision, making it reliable, accurate and easy to use. The WITS™ records with an accuracy of 0.5% of actual readings providing the operator better numbers to make better decisions.

Remote Data Access

Access your data remotely to view and analyze connections through the Aelium Cloud™.

Data Reliability

Data values are encrypted at the first stage of sensor readings. Personnel cannot change any data recorded by the sub. The WITS™ features on board data storage, encrypted WiFi communications, and cloud data backup to ensure your data is secure and never lost.

Continuous Data Recording

Nothing happens without the software recording it. Whether making up a connection, breaking one apart, attaching completion tools, pressure testing, or anything in between, the software seamlessly records it all.

Outrun the competition with Cheetah 



Explosion Rating

Class I, Div 1 / Class I, Zone 1
IECEX / ATEX



Pressure Rating

15,000 PSI



Data Reliability

Powered by AllTorque Control Systems.



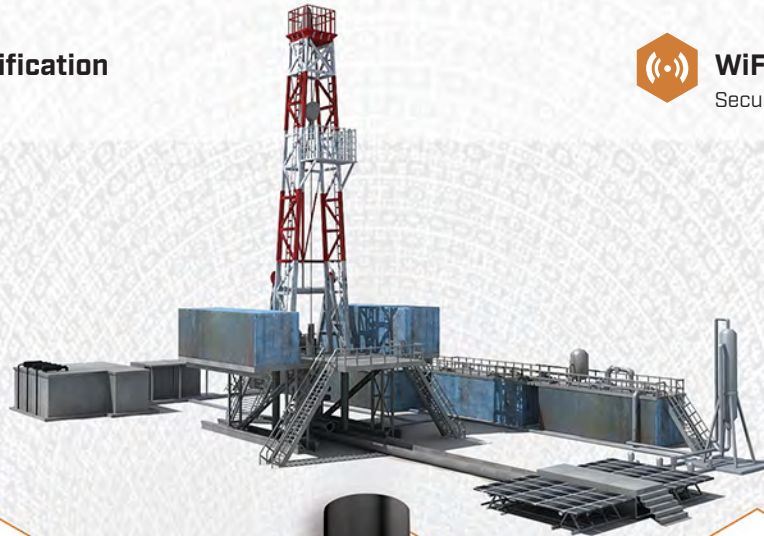
Design Specification

API 8C / 7-1



WiFi / Access Point

Secure data link.



Model	WITS 1C		WITS 2C	
Design Specifications				
Connection (default)	NC 50	6 5/8" API REG	7 5/8" API REG	8 5/8" API REG
Load Rating (per API 8C)	425 ton	500–750 ton	750 ton	1000–1250 ton
Torque Rating	55,000 ft lbs	75,000 ft lbs	120,000 ft lbs	150,000 ft lbs
Data Recording Accuracy				
Tension & Compression	0.5%			
Torque	0.5%			
Turns	2,000 pulses/revolution			
RPM	up to 300			
Pressure* & Temperature	0.5%			
Other Specifications				
Ambient Operating Temperature	-40° F to 158° F (-40° C to 70° C)			
Battery Life (casing running)	>180 days			
Data Transmission Type	WiFi 2.4 GHz, fully encrypted			

SLS-02-R2