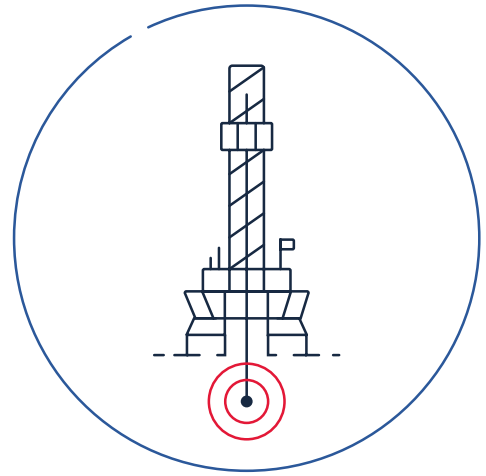




## H&P + KEYDRILL

Increased drilling accuracy through real-time, automated survey correction



Today, more than ever, operators are looking to their drilling partners to implement technology and innovation to maximize precision, quality, efficiency and uptime into their drilling operations—all while creating safer rig sites and processes. With the power of automation, drillers now can deliver on all of these and more.

When it comes to survey correction, technology is truly leading the way. Through our partnership with industry-leader, KeyDrill, and utilizing our MagVar expertise, H&P is now able to offer a system that delivers more insight and accuracy in wellbore placement through automatic survey correction. By correcting the MWD accelerometer and magnetometer survey errors in real-time, we not only can run correction procedures in the background and improve wellbore placement accuracy without loss of rig time, we can do it from anywhere in the world through synchronization with our cloud station.

No more transferring files between computers, uploading files to web applications or manually typing surveys. What's more, because our system is fully automated and can be remotely monitored, we are able to prevent costly human error while safely reducing personnel and additional cost. All in real-time with no downtime.

### » BENEFITS OF AUTOMATED SURVEY CORRECTION



No additional work for MWD operator which increases the remote operation throughput.



Reduced HSE risk by making remote operation possible.



Gross error eliminated by removing manual data entry.



Do a bottom line QC with a click of a button.



Time savings through seamless cloud technology

### KEY FEATURES

- Auto loading raw survey data to MagVar cloud server
- Auto correction by MagVar system
- Auto download to KeyDrill local computer
- Auto sync with KeyDrill logging software
- Auto display correction after following receipt of corrected data
- Addition, deduction, revision and resync survey data functions
- No loss of rig time
- No human error
- Web viewing for the customers from anywhere in the world