Evaluate Critical Variables Before the Job

iCem® Service is a software simulator based service to help operators optimize the cement operation regardless of the well type or asset. This scientifically-grounded analytical tool is operated by Halliburton-certified technical professionals globally. iCem service evaluates the effect of changes to variables including mud displacement, slurry properties, casing/pipe movement & centralization, fluid volumes, pump rates, and temperature / pressure differentials. Sheath integrity can be assessed at any point in the life of the well. Simulations that took days to develop and execute are now reduced to hours.

- Helps optimize designs for primary cementing, a reverse-circulation job, a balanced plug job, or a post-cementing job evaluation
- Prognostic models simulate fluid-flow interaction, displacement phenomena, and stresses in set cement
- Appraises the cumulative effect of stress to the cement sheath from events such as pressure and well testing, injection and stimulation treatments and production cycling.
- Different results can be compared simultaneously for vigorous design evaluation