Presenting eCompletions.
A new way for HCT to work.

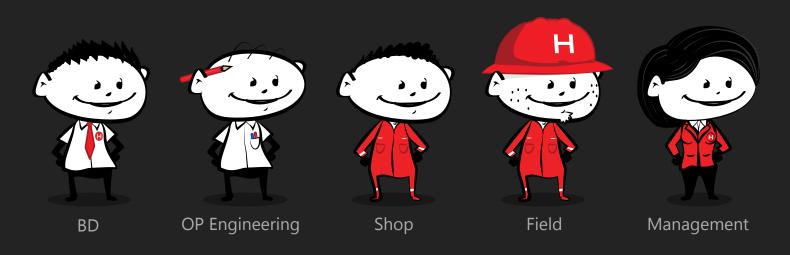Solving challenges.™

What is eCompletions?

eCompletions is an enterprise level software solution aimed at enabling everyone within HCT to get the right information at the right time throughout the lifecycle of a job.

- Enhancing HCT competitive position and responsiveness
- A reduction in service quality incidents
- Cost reduction through improved efficiency and accuracy
- Support Halliburton's commitment to using information technology to enhance both the working lives of its employees and the company's position as a leader in the oil and gas industry.

Who is it for?

Anyone concerned with service quality and efficient job completion within HCT.

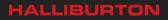| BD | OP Engineering | Shop | Field | Management |

How can it help me in the workplace?

eCompletions will simplify your work life by tying together the relevant data that you use on a daily basis in one easy to use place.

Getting the right information at the right time means that you can make more well-informed decisions that result in improved efficiency and service quality.

How do I stay informed?

You can check for regular updates at:
http://ecompletions.corp.halliburton.com

What is eCompletions?

Halliburton Completion Tools (HCT) is known both within Halliburton and in the marketplace for the development of innovative software applications and technology. To date, this software has consisted primarily of individual applications constructed to meet various aspects of customer needs within HCT.

While these applications are of extremely high quality and have been well received by the PSL customer base, HCT believes that the integration of these products into an enterprise solution will enhance HCT's ability to meet its customers' needs and effectively position HCT in this increasingly competitive market. The eCompletions program is being undertaken in support of these goals.

What are the business benefits?

The Business Goal of the eCompletions project is to provide an integrated approach to providing the "right information at the right time", resulting in:

- An enhanced HCT competitive position and responsiveness
- A reduction in service quality incidents
- Cost reduction through improved efficiency and accuracy
- Enhanced perception of Halliburton as a "high tech" company to attract the best talent

What business activites are supported?

The eCompletions solution will provide a support platform for:

- Business Development through mobility access, enhancd responsiveness, customer satisfaction and RTA initiation
- Operations Engineering through simulation and engineering analysis on the completion design
- Shop Assembly through enhanced parts inventory receipt, tool maintenance, quality management and the potential for "hands free" sign off
- Rig Site Operations through real time simulations and a 3D visual for the user. Smart glasses and smart watches will also, for example, allow for more efficient interaction between operators, the rig site, Technology personnel and global advisors in timely and efficient diagnosis and remediation of a problem.

What is the plan for development of?

The eCompletions integrated software and technology platform is expected to be developed over a three year period. Key components of the solution that will provide the foundation for a "proof of concept" planned for completion by the end of 2014 include the technical framework upon which the eCompletions solution will reside and the user interface.

Initial applications planned for deployment in the eCompletions program include:

- eOMM
- Schematic Generator
- Tool Compatibility

This initial foundation allows for development of the technical platform, the interaction between the user and the system and the initial applications that would reside in eCompletions. Additional applications (existing and planned new development) would be added to the eCompletions platform over time.

Why does it make sense at this time?

As we mentioned, our approach to software development at HCT has historically been "application centric" for the most part. Given HCT's plans for growth and the organization's need to maintain its competitive position, HCT must take the steps now to ensure that its technological capabilities are aligned with its short and long term goals. The eCompletions program takes advantage of the existing technology solutions in HCT while also incorporating the technologies and processes that will position the organization for the future.

Will it change the way that I do my job?

Because the software applications that are current used in HCT were developed at different points in time, they may have a different look and feel from one another. Tools used to develop those applications have also changed over time. One of the goals of the eCompletions project is to promote ease of use through development of a common way to access HCT's software applications and to take advantage of the latest technologies. Where these enhancements do affect usage or the way that an application is accessed, training will be provided to minimize any impacts on productivity.

Will there be pilot efforts?

Yes; the initial efforts relating to eCompletions (Phase 1) are being managed as a proof of concept to help ensure that the platform is developed on a solid foundation and that the needs of the user community are met. The eCompletions team will work closely with the HCT user community and stakeholders to identify any opportunities for improvement as the program progresses.

What are the next steps?

The next steps in the process are:

- Develop master program plan for Phase 1 of eCompletions that includes a risk management plan, communications plan and change management plan by the end of September 2014
- Finalize the design and testing of the initial eCompletions technical framework, user interface and initial application deployment by the end of 2014 as a proof of concept
- Begin development and deployment of additional applications as of January 2015

What if I have a question?

Please refer any questions to your immediate supervisor. If your supervisor needs additional information, they are encouraged to contact Dominic Tran, Sr. Global Technology Manager, HCT Technical Software.

And Now, A Word From Our Sponsor...

Hello everyone! My name is Mark Dawson and I am the Strategic Business Manager for Sand Control. However, the main reason that I am here today is to share my thoughts as the sponsor of an exciting project that is kicking off in Carrollton but that will positively impact HCT's efficiency and competitive position domestically and internationally.

eCompletions is one of the more innovative and forward thinking information technology projects that HCT has undertaken in recent history. One of the things about eCompletions that is so exciting is that it addresses needs of the organization in a wide variety of areas. In addition to enhancing our efficient use of software because of the ability to access our different applications in a consistent manner, the business solutions that eCompletions supports is the real value proposition.

The importance in increased visibility of issues contributing to service quality incidents cannot be overstated. Cost reductions resulting from reduced duplication of efforts and improved quality from minimizing manual entry of data are also key features of the eCompletions solution. Future applications also plan to deploy the latest in technologies in the workplace including tablets and wearable technologies contributing to the ease and effectiveness of how we do our jobs.

I hope you will share my enthusiasm and support for this important step forward in HCT's evolution. The eCompletions program team will keep you informed as things progress. Thank you for your time and interest in this important project. We look forward to the new and exciting things to come!

The Next Step on the Road to HCT's Software Future...

Hello everyone! My name is Dominic Tran and as many of you know, I am the Senior Global Technology Manager for HCT Technical Software. I am delighted to be a part of the HCT Technical Software team at such a pivotal point in our organization's history.

In the last several years, HCT Technical Software has developed a number of software applications that address a variety of complex challenges. While these applications have been successfully deployed and well received by our business sponsors, they have been *individual software applications* that meet the needs of a narrow constituency. The time has now come to adopt a more enterprise perspective on software development at HCT. This "enterprise perspective" in embodied in the *eCompletions* program.

eCompletions will create a *common platform* where all current and future software applications will reside. A *common user interface* to access the software applications will also be a cornerstone of eCompletions. These are important attributes of the eCompletions program but at the end of the day, the real value of eCompletions is taking advantage of the latest technology to reduce costs, improve quality and profitability and enhance the quality of our working lives day to day.

The results of eCompletions will touch every operating area of HCT. We expect Business Development to be able to take advantage of new mobile access, schematic building facilities and a common data repository. Operations Engineering, Shop Assembly and Rig Site Operations will also benefit from simulation technology, RFID and bar code technologies and "hands free" sign off capability. These are just a few of the software and technical solutions that are envisioned under eCompletions. This is a multi-year effort with tremendous opportunity for our organization.

I'm proud of the team that we have and I am confident that the talents and skill sets that our team possesses will enable us to achieve this critical objectives for our PSL.

Please feel free to submit any questions or thoughts that you may have about eCompletions to the program team through this website. We welcome your input.

HALLIBURTON | Completion Tools