



## PHP Development, UX Experience, Architecture

Case Study



“TKS helps Major Drilling innovate an in-house software solution meet present and future customer demands”

David Deighton – Enterprise Application Manager, Major Drilling

### Business Challenge

Major’s Invoice system (Major Drilling Time and Billing) had code written 10 years ago using .NET & AXPX pages. As technology progressed, Major found the application was dated as it didn’t have the ability to use multiple browsers (only supported on IE) and lacked overall responsiveness. In order to support multiple browsers, response times and performance/navigation enhancements, Major had to update the system. The technology team decided build it using the MVC framework (Model View Controller), all while creating an innovative customer portal. Part of Major’s Innovation Strategy was for the billing system to enhance the experience for current users and provide value for customers.

### Performance Metrics

**Significant** improvement in performance times

**Faster** than it ever has been

Makes the User Experience/Navigation a lot **easier**

Created a single instance of our solution for the **global** brands.

it is now easy to support going forward with **future** enhancements for the system.

# PHP Development, UX Experience, Architecture

Case Study

The logo for TKS, consisting of the letters 'TKS' in a white, bold, sans-serif font, centered within a blue hexagonal shape.

## TKS Solution:

### Services Provided:

#### PHP Development, UX Experience, Architecture

A team of TKS technical resources were called on to help with the development of an application. The goal was to create a user friendly experience and develop using architecture standards that can be supported internally. In line with Major's Innovation Strategy, the latest technologies were to be used when developing a system architecture that can be sustainable for the present and the future. A TKS Software Developer followed the standards and guidelines and was able to package innovations and ideas very presentable with confidence. The developer was able to simplify the code and has made it easy to support the application going forward.

The TKS Developer was knowledgeable when it came to MVC and was great at explaining a new change to the Major Team.



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## About Major Drilling

Major Drilling Group International Inc. is one of the world's largest drilling services companies primarily serving the mining industry. Established in 1980, Major Drilling has over 1,000 years of combined experience within its management team alone.

Major Drilling maintains field operations and offices in Canada, the United States, Mexico, South America, Asia, Africa and Europe. Major Drilling provides a complete suite of drilling services including surface and underground coring, directional, reverse circulation, sonic, geotechnical, environmental, water-well, coal-bed methane, shallow gas, underground percussive/longhole drilling, surface drill and blast, and a variety of mine services.