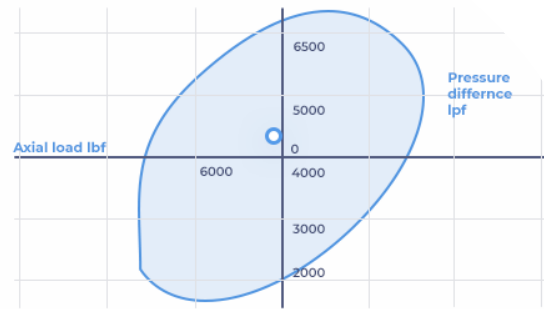


### Burst and collapse pressure



### Inspection

6500 feet  
Consumption  
**3.45%**

6500 feet  
Consumption  
**3.45%**



## FACT

The software is an essential management solution for optimizing the safe use of coiled tubing strings. The software includes a Fatigue Analysis module that tracks the consumption of individual coiled tubing strings and parts used during jobs carried out in wells or in the yard. It presents the user with detailed information on the life consumption per job.



**Modelling Engineering &  
Development Company  
Limited**



**FACT**

FATIGUE  
ANALYSIS FOR  
COILED TUBING

## MOREOVER

The module provides the user with the option of determining the maximum number of cycles to fatigue failure. This feature can be configured with or without internal pressure and based on the user-specified geometry of the goose-neck and the reel. All calculations take into account corrosion (caused by acid, cement, etc.) and stress concentration factors (caused by welds).

## THE PROGRAM

Offers two modes of operation: a stand-alone program where data can be entered manually, or it can be used in real-time by reading data directly from a datalogging program such as DART. This provides up-to-date information on the state of the pipe, as well as the real-time tri-axial stresses.

## AT ANY TIME

the user can access the current status of the coiled tubing or review the history of the string



The software also includes a database of the most common coiled tubing sizes and materials currently produced by manufacturers



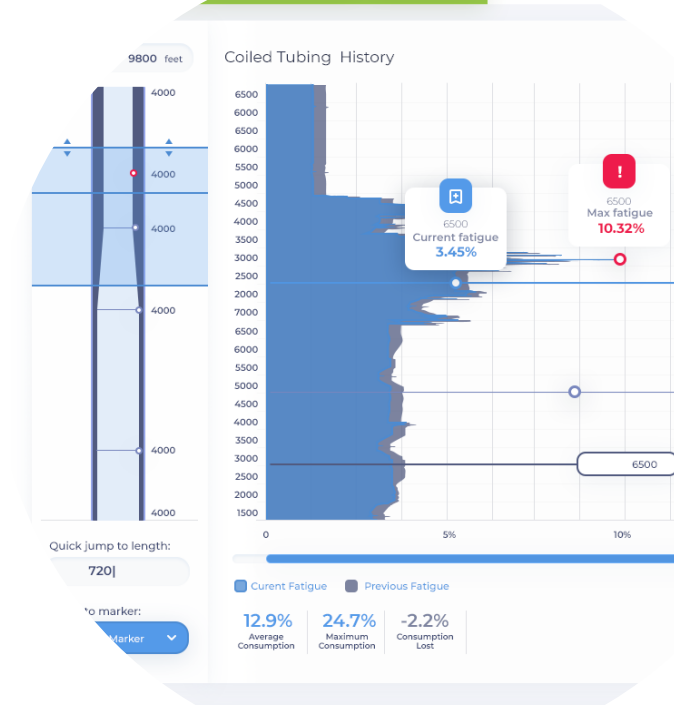
It includes a database of the most common corrosion factors and stress concentrations due to welds



The user can add new records to the supplied databases

## CONTACT

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Medco House, Monument Way East,  
Woking, Surrey GU21 5LY  
United Kingdom  
[Medcotas.com](http://Medcotas.com)



## Overall, FACT

Software is a comprehensive management solution that ensures the safe use of coiled tubing strings and maximizes their lifespan.