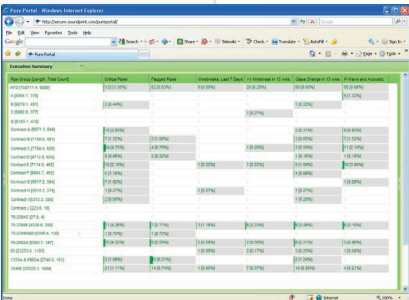


What is Pure's Pipeline Risk Management?

Pure Technologies' **Pipeline Risk Management** is a web-based system that combines inspection, monitoring and land use data to assess the risk of failure of PCCP pipelines. Pipeline inventory, collected data, and analysis results are presented on a 3-D, web-based GIS interface to help pipeline owners focus their attention on areas of high risk and consequence of failure.

How it Works

Pipeline Risk Management combines pipe status information and visual and sounding inspections obtained through electromagnetic inspections (such as P-Wave) and continuous monitoring (AFO). The 3-D GIS interface displays the pipe data by spool in its geographic position as defined by the owner's in-house GIS department or mapping performed by Pure. Pipeline sections and surrounding areas are coloured based on queries on collected data along with 3-D elements used to further draw attention to important details. Owners are notified the moment damage is detected or pipeline risk changes.



Why Use Pipeline Risk Management?

With all of the current monitoring and inspection technologies, pipeline owners are faced with an increasing amount of data on their PCCP inventory that must be considered when making maintenance decisions. Through the **Pipeline Risk Management** interface, Pure Technologies employs its years of PCCP experience to combine this data to focus the owner's efforts.



Pipeline Risk Management is a web-based system that combines inspection, monitoring, and land use data to assess the risk of failure of PCCP pipelines.

Pure Technologies' **Pipeline Risk Management:**

- Improves pipeline data management
- Establishes pipe criticality and rehabilitation priorities
- Assesses remaining useful life
- Allows for prioritized capital planning



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