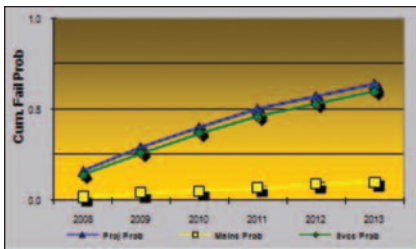




Optimain DS SPIP

Service Pipe Integrity Program



Capital Services		Main Cost	
Transfer	101	Main Cost	69378
+ Insert	0	+ Service Cost	90406
+ Direct Bury	2	= Total Cost	159784
+ Abandon	0	Default Services Plan	
= Total	103		
Add EFV	98		

As a natural gas operator, new **DIMP** regulations require you to know your infrastructure, monitor threats, and assess risks across not only all types of mains, but also service pipes. Service piping accounts for a significant portion of a distribution network, and the risk associated with service pipe failures can be comparable or even higher than the risk associated with mains.

With the addition of the Service Pipe Integrity Program (SPIP) module, Optimain DS provides the most mature and comprehensive **DIMP** software on the market. By encompassing all pipe and threat type combinations, operators can align risk management resources and strategies where they are needed most.

What Does it Do?

- SPIP extends Optimain™ DS to manage risk and support decision-making processes across the entire distribution network. Specifically, it
- Predicts service pipe failures based on material, vintage, size, leak history, or other factors
 - Captures service-specific risk profile factors, including meter location, building usage, and excess flow valves
 - Includes service pipe risk in project scores and system-wide analysis
 - Models the expense of ongoing service pipe repairs
 - Creates proactive “service only” replacement projects when risk or repair expenses are dominated by the services
 - Integrates with new data sources to capture service specific failure and risk factors
 - Define business rules to automatically select default service risk mitigation plans

Detailed Service Planning Options

SPIP adds more detailed service planning options, including:

- Plan risk mitigation investments for service pipes separate from main pipes
- Direct bury or insert renewal methods
- Install Excess Flow Valves
- Service abandonment

How Does it Work?

Optimain DS SPIP is a separately licensed add-on module to the base Optimain DS software. It delivers increased functionality in the Optimain DS Desktop Application and Calculation Engine, and introduces additional information in the existing analysis tools and reports. It also introduces new configurable parameters and tables in the Optimain database, and may benefit from integration with service-specific data sources.

Contact the Opvantek team today to find out how Optimain DS and SPIP can significantly improve the integrity of your entire distribution network.