

FiBridge

Embedded Fiber-optic (FO) Sensing for Low-cost, High-resolution Monitoring in Bridges & Critical Structures

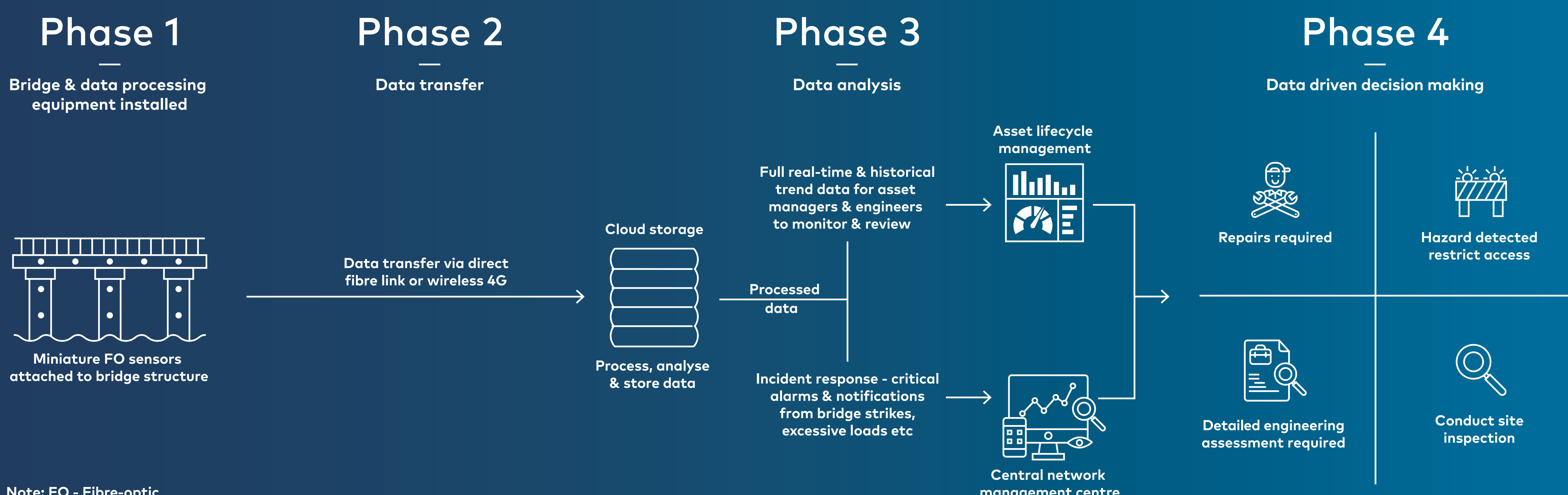
FiBridge is a trial of innovative technology that seeks to revolutionise the management and maintenance of bridge assets. Through the installation of advanced fibre-optic sensing technology on rail and road bridges, it enables the remote monitoring of asset structural health in real time.

Victoria has in excess of 9000 rail and road bridges. FiBridge aims to enable proactive asset management which will enhance safety and significantly reduce maintenance costs.



Installation at Hawkstowe Station

FiBridge monitoring solution



Note: FO - Fibre-optic

The trial is governed by a partnership of Victorian Government agencies, led by VicTrack and supported by the Palo Alto Research Center (PARC), a Xerox company.

Project partners:

- Department of Premier & Cabinet (Public Sector Innovation Fund)
- Department of Transport
- Department of Environment, Land, Water & Planning
- Office of Projects Victoria

For more information please contact Dusan Stojkovic
dusan.stojkovic@victrack.com.au or 0409 380 973