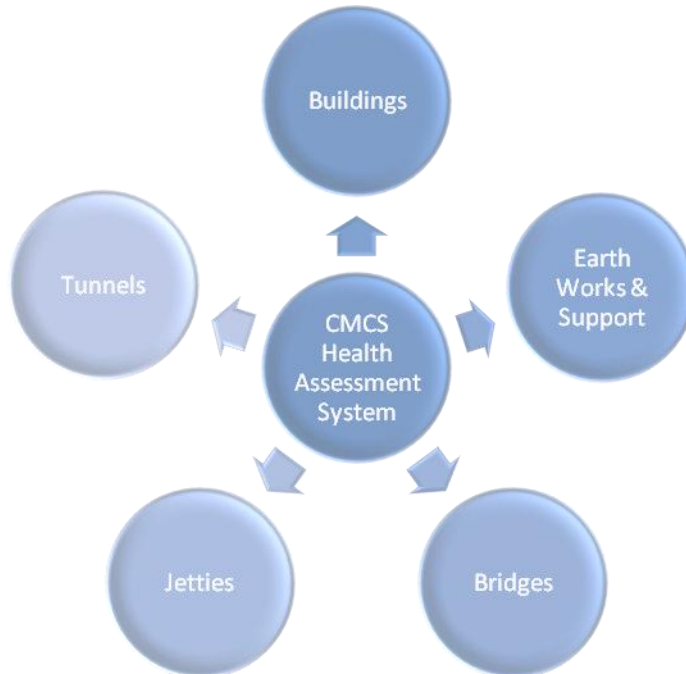


CMCS ASSET HEALTH ASSESSMENTS



Market Position

CMCS has been solving problems in the area of structural monitoring for over 18 years and in that time has completed many projects around the world, remotely monitoring movements in structures, enabling the reduction of risk and giving piece of mind that structures are behaving as they should.



CMCS is aware that with limited human resources and money it is not possible to monitor every structure or soil embankment all of the time. The CMCS Asset Health Assessment package is designed to provide a cost effective, nondestructive monitoring solution which establishes the current behavior envelope of existing infrastructure. Its primary objective is to allow responsible engineers to make decisions based on recorded performance data as to whether no action is currently required on a structure or prioritise its repair or take remedial action to help reduce the risk of structural failure.

Elements and types of structure that CMCS have experience in monitoring:

Chimneys, masts and towers.

Dams, reservoirs and marine structures.

Stone/brick and cast iron tunnels

Embankments, slips and the supports of excavations

Bridge decks, abutments and anchors. Historic buildings.

Deliverables

In order to assess the current state of a structure without having to know anything about its previous history, CMCS would monitor the current levels of movement/strain under natural/normal conditions, initially over a period of one month, with options to extend longer if required.

Comparisons of the data would then be made with the theoretical performance of like structures so that the customer is able to draw their own conclusions as to whether they continue with more extensive monitoring, take remedial action or conclude no action is required.

Should the initial findings show movement as predicted or no cause for further investigation, then CMCS will remove the equipment at the end of the contracted period. Should the investigation show that a further, more detailed survey is required then CMCS would be happy to produce a tailored full solution to monitor the structure and would waive the cost of the initial health assessment.

Asset Health Assessment monitoring package

The solution is designed around 7 discrete sensors, deployed usually within a day depending upon position of structure. A logger and transceiver are provided to access the data and at the end of the month a report detailing findings will be provided.

All equipment is based on a one month rental, with the option to take a further rental period if required. Any damaged or lost equipment will be charged at the normal purchase price.

The cost for the above is £2,800 and if required for a longer period, subsequent monthly rental after the first month will be charged at £300 per month up to a maximum of 6 months.

CMCS would also be happy to prepare a bespoke solution for any monitoring scenario, which could include client access to our Logsafe software if required.

Should you require further information on how to make a cost effective, low risk, entry level assessment of the current and possible future state of your key structures please contact David Rees on 01600 740681 or E -mail: dave@cmcsltd.co.uk, other contact numbers 07802247334

About CMCS

CMCS are a global company having completed many international projects around the world in its 18 years. We pride ourselves on being responsive and able to provide innovative solutions to customers many and varied business priorities. We are accredited to ISO 9001 and are committed to customer excellence, whilst actively conforming to the green agenda.