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Lifeline for Worcester Cathedral.

The problem.

Securing a safe means of access and protecting individuals against the implications of a fall when working on the high level triforiums and clerestories the run round the inside of the cathedral.

As a busy cathedral it was essential to keep disruption to an absolute minimum while ensuring the safety of our installation team.



High level clerestories and triforiums around the Nave, Worcester Cathedral.



The solution

Vertical Technology undertook a detailed assessment of the structure and associated risks, appraisal of fixings and careful calculation resulted in the selection of the unique Uni16 synthetic cable lifeline.



Uni16 lifeline running the length of the high level clerestory.

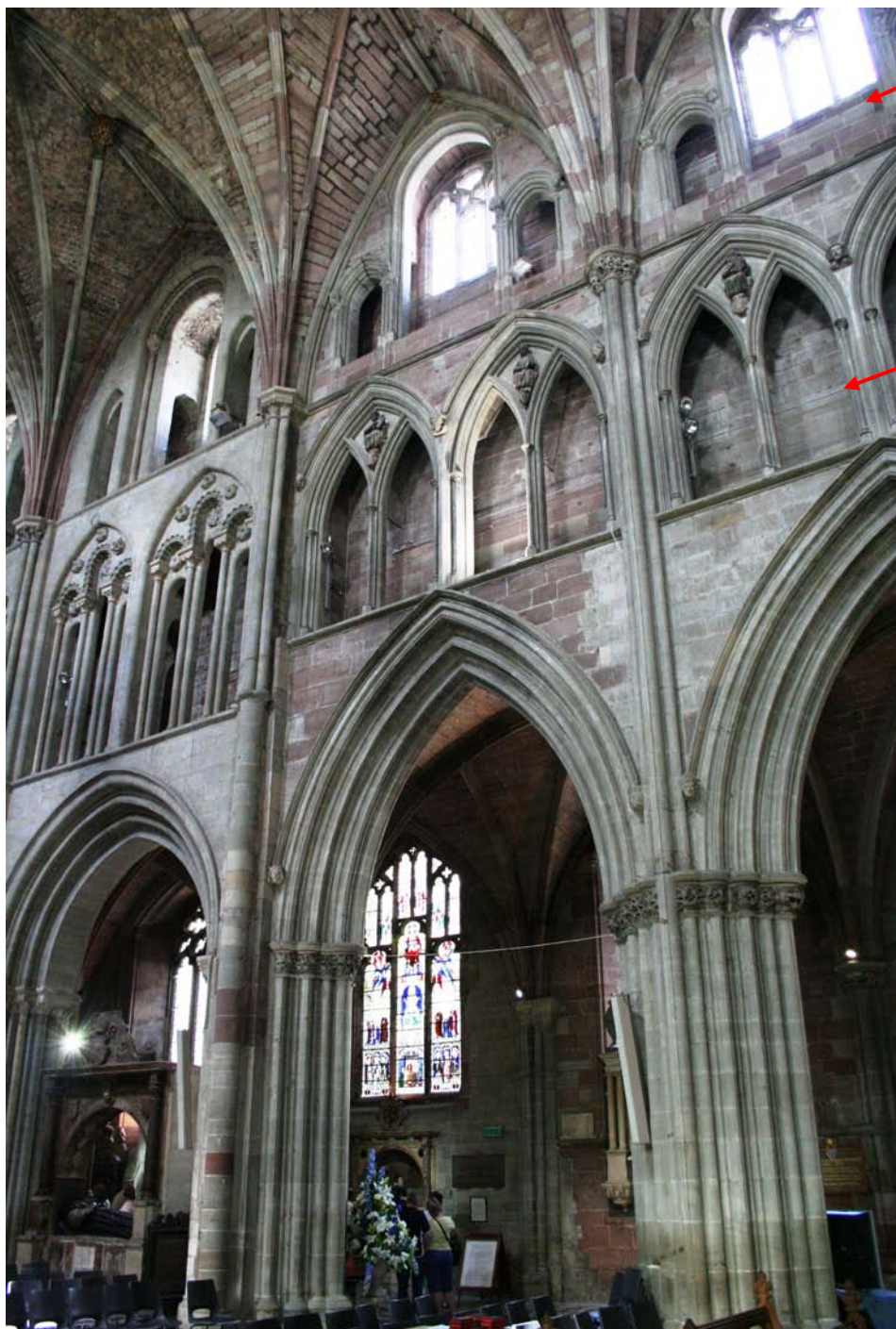
Uni16 is a special load absorbing synthetic lifeline that can span up to 30m between structural fixings. This minimised potential load transference to the historic structure.

Vertical Technology used industrial roped access techniques to safely access the high level triforiums and clerestories for the installation of the lifelines.

By using industrial roped access techniques the risk of damage to the historic fabric was dramatically reduced compared with traditional scaffold access and the disruption to the cathedral was negligible.



The Uni16 synthetic cable lifeline was integrated into the building fabric in an effort to ensure the highest levels of worker protection, enabling free and unhindered movement whilst remaining low profile thereby preserving the all important aesthetics of the cathedral.



Uni16 lifeline

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Low visual impact of the Uni16 lifeline in the clerestory and triforium.

