



Lifetime extension solution Passengers Boarding Bridges (PBB) for our customer, an operator

CUSTOMER NEED

Control the integrity of structures beyond the manufacturer's warranty period

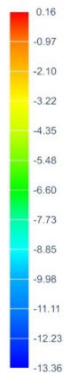
Service life of PBB : 20 years old, guaranteed by the manufacturer

BENEFIT CUSTOMER

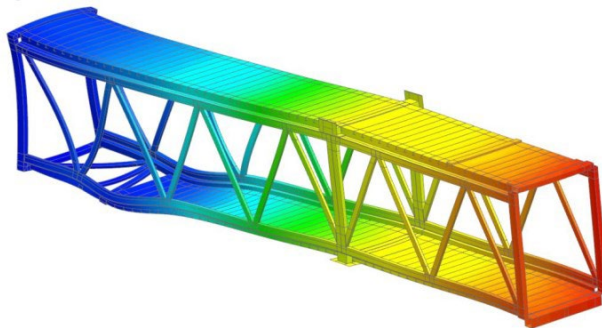
Extended equipment service life by 12 years

Lifetime of PBB : 32 years old, identified by Apave

assembly1_assyem1_sim1 : Acceleration z Result
Subcase - Static Loads 1, Static Step 1
Displacement - Nodal Z
Min : -13.36, Max : 0.16, Units = mm
Deformation : Displacement - Nodal Magnitude



[mm]



1

Diagnosis by calculation and non-destructive testing

Estimation of the residual lifespan of the PBB

2

monitoring - periodic checks

Definition of a checklist optimised and implementation

3

Assistance with any repair work required

Assessment of the immediate risk