

Specific challenge

Active noise cancellation for vehicle wash bridges

Type of challenge

Process

Technology

Business

Product

Key words

Noise, noise attenuation, active cancellation, outdoors

Description

Vehicle wash bridge drying systems produce high noise levels. Even when compliant with regulations, these levels can be a nuisance during operation of the systems in urban environments. Reducing these noise levels can be a significant improvement to the quality of life of people around a wash facility, a reduction of potential health risks, as well as a competitive advantage for our systems.

How could we

Apply active noise cancellation techniques to limit and reduce noise pollution from outdoor drying modules and without using elements to be placed on people.

Specific restrictions or requirements

- The solution may not consist in devices to be fitted to people exposed to noise.
- The solution must be able to operate in outdoor environments.

Profile of the provider we are looking for

Feasibility of the solution
Experience with the technology
Success stories

Target indicators

Reduced decibels

Effectiveness surface

Cost of the solution