



## Lower your carbon footprint for AV

Highest functionality and flexibility save 77% of diesel!

As you already know, the nexgentec (NGTC) solution for Audio and Video by Genesis Technologies Marine saves a lot of space and energy.

To illustrate how much of a difference this actually makes on a particular project, we would like to present you the case study below, where we have compared our solution with one using Brand X, a competitive AV over IP label, on a 75-meter motor yacht. The calculations for CO2 exhaust and diesel, both calculated on 24/7 running, have been made by Patrick Voorn, Synergy The HVAC Consultancy, one of the main authorities in the superyacht market if it comes to saving energy on board.

	Brand X	NGTC	NGTC Savings
Rack space	75 RU	23 RU	52 RU- 69%
BTU / hour	75470 BTU	16995 BTU	58475 BTU - 77%
CO2 exhaust / year *	47 Tons	11 Tons	37 Tons - 77%
Diesel / year *	17914 Liter	4034 Liter	13880 Liter - 77%

\*These figures may vary due to the efficiency of cooling equipment

As you can see, the NGTC system with the most flexible functionality and the most luxurious features and functions saves diesel - and therefore money - in the long term, and it contributes to a much lower carbon footprint.

For more information about the calculations used and in case you are interested to specify how much energy can be saved on your next refit or newbuild project, we look forward to being at your service.