

CADIMEF STUDIOS AND CENTRE FOR CREATIVE INDUSTRIES' AUDIO STUDIOS

NORTH KARELIAN UNIVERSITY OF APPLIED SCIENCES, JOENSUU, FINLAND

The Cadimef studios were constructed at the turn of the millennium as part of an EU project for the North Karelia University of Applied Sciences. They were built for the Centre of Creative Industries, and are located in the Joensuu Science Park Campus. After designing and building the Cadimef studios, additional teaching studios were built for the University of Applied Sciences.

The Cadimef Studios were designed to meet commercial standards. The studios consist of one large photo studio (150 m²) with a control room, and a smaller studio with its own control room. The acoustics and the AV features have been designed to suit the individual needs of each studio.

The teaching spaces consist of 16 audio and photo editing rooms, as well as a number of studios intended specifically for audio editing.

The large photo studio of the Cadimef can be transformed into an audio studio. The space is large enough to enable recording on a greater scale and is big enough to fit a symphony orchestra, which is no mean feat for any studio. **Anssi Ruusuvuori**, the project's leading acoustical designer, points out that the acoustics in the large studio are more damped than in the audio studio. This, however, does not pose a problem as any spatial effects are achieved electronically.

Mr. Ruusuvuori not only designed the acoustical features for the studios and control rooms, he also collaborated with the head architects at Arcadia Ltd on the appearance of the different spaces.

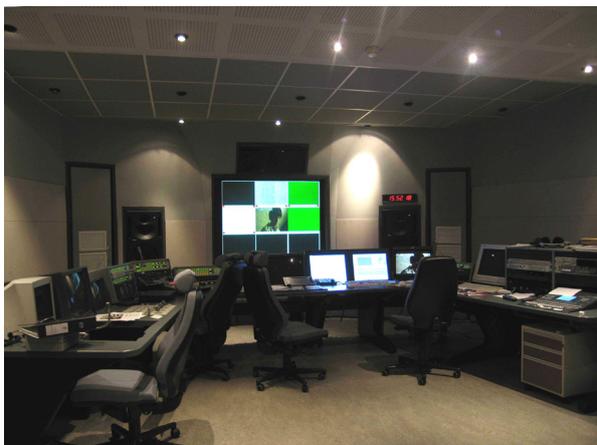


Centre of Creative Industries' Audio Studios. Photos: Akukon

Veli-Pekka Niiranen, Lecturer in Audio systems, praises both the acoustical properties and multi-functionality of each room. "All the rooms have been designed so that the size, visuals and air-conditioning provide a suitable teaching environment. The four control rooms were designed and built for 5.1 recording and editing. The studios in Cadimef are of high, commercial standard, but they also provide an excellent environment for teaching due to their spaciousness and other basic solutions", Mr. Niiranen applauds.

Mr. Niiranen also appreciates the over-all appearance of the studios. The surface materials and colour scheme represent timeless Finnish design; the interior decorating combines Marimekko fabrics with natural wood surfaces.

The acquisition of these studios has been a great investment for the educational institution, the benefits of which will be reaped for decades to come. The success of the project can be accredited to preliminary planning, which took into account the need for multi-functional spaces. "Anssi Ruusuvuori listens to his clients with a keen ear, proposes well justified ideas and monitors the construction with a good, stern grip", Mr. Niiranen says of Akukon's acoustical designer.



Cadimef-studio. Photo: Akukon

Client	Carelian digital media factory (Cadimef-studios) North Karelia University of Applied Sciences, Centre of Creative Industries (teaching studios)
Started	1997
Opened	2001 - 2007
Project type	New construction
Architect	Architects Arcadia Ltd, head architect Vesa Vapanen
Services by Akukon	Acoustical design and architectural planning
Akukon's team	Principal consultant: Anssi Ruusuvuori Other team members: Henrik Möller
Total cost of project	6.7 million FIM, later construction € 1.8 million



Cadimef-studio. Photo: Akukon