Title:

Resilient network architecture based on Movable and Deployable Resource Unit (MDRU)

Toshikazu Sakano,
NTT Network Innovation Laboratories, Yokosuka, Japan.

Abstract

The latest status of a national R&D project aiming at creating a resilient network architecture is presented. The project it proposed a network architecture employing a movable ICT resource unit for urgent ICT service recovery in seriously damaged areas. To proof the concept, a prototype unit which we call Movable and Deployable Resource Unit (MDRU) was developed and was evaluated in a test bed environment. Series of subjective evaluations by people from universities, governments, telecom carriers, and other ICT related sectors proved the effectiveness of the concept.