Plan Authoring Applications for Emergency Management

Alexander Wollert, Ganga Vazhayil Mannabeth
Fraunhofer FIT
Schloss Birlinghoven
53757 Sankt Augustin
{Alexander.Wollert, Ganga.Mannabeth}@FIT.Fraunhofer.de

Abstract: In this paper we present a semi-formal tool using the concept of process modelling for emergency management developed within our project InfoStrom. This is meant to be an aid for rescue forces, energy providers and public authorities, whose measures and terminologies generally differentiate. Also, they do not have up-to-date documents and manuals available that could be adapted to new types of emergency (natural disaster, technical casualties as well as terrorist attacks) or be analysed for efficiency. Our approach intends to provide the ground for formal modelling as enabler for analysis, comparison and process customisation to synchronise plans of different domains and to make them transparent for any involved organisation.