

Long Term Study of a Portable Field Robot in Urban Terrain

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This presentation describes the research methodology used during a 6 month field test of a PackBot Scout in a Infantry Company specialized in Urban Operations.

The purpose of the project was to study the soldiers while using the robot on their own terms of conditions in the most realistic environment available.

A number of the users' standard behaviors were redesigned to include the robot. The robot system was deployed by the users in missions they considered appropriate.

Matters of technical performance, user interaction, tactics, organization and ethics were investigated through observation, participation, interviews and questionnaires.

