

## the Aware Home

# CareLog: Capturing Behavioral Information in Every Day Settings

CareLog Web Site: <http://www.carelog.org>

Autism Research at Georgia Tech: <http://home.cc.gatech.edu/autism/>

### About this Project

Behavior and learning data are pieces of information that can be captured, measured, mined and analyzed over time. Furthermore, the members of care teams, such as parents, teachers and para-professionals are particularly motivated to do these activities.

Capture and access applications created as a part of a cyclical system of diagnosis and treatment are an interesting and special case wherein, the data captured in the past, once accessed and analyzed, affects the treatment plan and often the data to be captured in the future. CareLog is a mobile capture and access application for recording behavioral data in informal settings.

CareLog takes advantage of the experience buffers, a collection of capture services embedded in an environment that do not archive information in and of themselves. Rather, experience buffers save information for a certain period of time set by the users of the system. During the time period that the information is saved in the buffer, applications can request some subset of the buffer's data. After this time has passed, the information disappears.

