

Privacy and Security in Independent Living Assistance Platform for Old Adults

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Abstract

As people become older there will be more and more need for support in common everyday tasks. With the help of technology we can support people to live longer independently with minimal need of caretaking personnel. As technology for monitoring vital signs and everyday life of older adults is developed to assist the independent living, the questions about security and privacy arise.

In this presentation a mobiserv (<http://www.mobiserv.eu>) projects architecture for supporting independent living of older adults is analysed from security and privacy perspective. First, the effect of loss on confidentiality, integrity and availability of independent information pieces is evaluated. After that the high level vulnerable points of system are looked for with information flow analysis. Finally initial mitigation plan is developed.

Index Terms: Security, Privacy, Assisted living.