

Selection Criteria for Smart Mobile Devices in the Workplace¹

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ABSTRACT

As the importance of smart mobile devices grows, organizations face the challenge of selecting appropriate devices such as smartphones, tablets, or smart glasses. The device selection can prevent physical and psychological risks associated with their subsequent use in the workplace. Organizations can avoid bad investments and proactively minimize risks by conducting a pre-purchase risk assessment. In the *GBU-SmarD* project, an analysis of 253 publications has provided scientific insight into the potential health and safety risks of working with smart mobile devices. In addition, eight focus groups with 20 tablet and 17 smart glasses users complemented the findings with practical experience from the field. This article presents 24 device selection criteria that will form the basis for the future development of a device selection tool for organizational use.

Keywords

Device – selection – tablets – smart glasses – risk assessment – prevention

¹ This article is dedicated to Prof. Dr. Winfried Hacker on his 90th birthday. We express our appreciation for his outstanding scientific contributions and thank him for his tireless support in our academic work.