

## Compatibility of Disabilities for a Single Workplace through Mobile Technology: A Case Study in Brazilian Industries

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**Abstract :** In line with Brazilian legislation on the inclusion of persons with disabilities in the world of work, known as the 'quota law' (Law 8213/91) and in accordance with the prerogatives of the United Nations Convention on Human Rights of people with disabilities, which was ratified by Brazil through Federal Decree No. 6.949 of August 25, 2009, the SESI National Department, through Working Groups, structured the product Affordable Industry. This methodology aims to prepare the industries for the adequate process of inclusion of people with disabilities, as well as the development of an organizational culture that values and respects human diversity. All industries in Brazil with 100 or more employees must comply with current legislation, but due to the lack of information and guidance on the subject, they end up having difficulties in this process. The methodology brings solutions for companies through the professional qualification of the disabled person, preparation of managers, training of human resources teams and employees. It also advocates the survey of the architectural accessibility of the factory and the identification of the possibilities of inclusion of people with disabilities, through the compatibility between work and job requirements, preserving safety, health, and quality of life.

**Keywords :** inclusion, app, disability, management

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