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Augmented Reality Framework (ARF); Virtual World Standards Landscape Report (<https://standards.iteh.ai>) Document Preview

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Foreword

This Group Report (GR) has been produced by ETSI Industry Specification Group (ISG) Augmented Reality Framework (ARF).

The present document provides a deep analysis of standards and standardization activities conducted in various Standards Development Organizations (SDOs) and other fora, as available at the time of publishing. The analysis is performed on all public information about standardization activities that impact development of virtual world technologies and the creation of value using these technologies, including enabling technologies, components, services and human interface systems and devices. It also examines standards that address challenges common across all types of virtual worlds including transactions, governance, cybersecurity and privacy.

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Executive summary

The present document is the result of research conducted for the Virtual Worlds Interoperability and Standards Status and Opportunities (ViWISSO) project, co-funded by the European Commission and the European Free Trade Association (EFTA). After introducing the scope of virtual worlds and purpose of the research, the present document describes the current trends underpinning the emergence of virtual worlds. The following clauses present details about interoperability standards, working groups and standards development organizations focusing on technology in eight domains, based on analyses performed on the largest data set about virtual world standards and standardization activities compiled to date.