

D3.5 – Advancing the use of visual systems to support older adults managing multiple chronic health conditions (Update)

Document information			
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Dissemination Level	
Public	X

Deliverable Version History

Version	Date issued	Release comments
V0.1 (D)	03/05/2024	Initial draft with input from ESR8
V0.2 (D)	01/08/2024	Feedback and review on ESR8 and guidance on input from ESR17 by Prof. John Dinsmore
V0.3 (I)	30/09/2024	Review and edit of document by Prof. John Dinsmore – structure refined for for ESR input
V0.4 (I)	07/02/2025	Amended draft by ESR8 based on feedback on V0.3
V0.5 (I)	18/02/2025	Review of ESR8 input and feedback by Prof. John Dinsmore
V0.6 (I)	21/02/2025	Update by ESR 8 on feedback
V0.7 (I)	23/02/2025	Input from ESR17
V0.8 (I)	24/02/2025	Review by Prof. John Dinsmore
V0.9 (I)	26/02/2025	Further input by ESR17
V0.10 (I)	26/02/2025	Final review and check by Prof. John Dinsmore
V1.0 (R)	27/02/2025	Complete version sent to Coordinator for submission to the European Commission
V2.0 (R)	27/04/2025	Content removed and information about embargo added

* **Milestones names include abbreviations/terms as follows:**

Draft (D): describes planned contents and main structure of the different sections. Document is between 0% - 50% completed.

Intermediate (I): document is approximately between 50% - 100% completed. It is the previous step before it could be released.

Released (R): document is 100% completed, reviewed and authorized for release by the partner responsible of the deliverable or the WP leader.

EXECUTIVE SUMMARY

The aim of this deliverable is to provide the final update evaluation report on the use of camera-based technologies for older adults living at home with multiple chronic health conditions (multimorbidity), building on the work of the previous deliverable D3.4 submitted in M29. This deliverable provides details on research outcomes from ESRs 8 and 17 (who replaced ESR7) on how the respective ESR topics have advanced knowledge in 3 core areas:

1. Behaviour change theory to facilitate the design, development, and implementation of camera-based systems for active and assisted living. This builds on and finalises the initial work explored in D3.4 on the impact of visual systems on changing behaviour to improve disease management processes including multimorbidity (ESR 8).
2. Healthcare practitioners' (HCP) perspectives on the use of camera based technologies in telehealth for older adults living at home with chronic conditions or multimorbidity. The outcomes are based on a scoping review conducted to explore the breadth of current literature on the perceptions of HCPs towards the use of cameras in AAL and map out reported attitudes and perceptions in real-life settings (ESR17).
3. The evaluation of research outcomes from ES8 and 17 on end-users' privacy, data protection and ethical concerns for camera use within the home and implications for future camera-based AAL implementation and research. (ESR 8 and 17).

This deliverable is subject to an embargo period of one year. This measure is implemented to safeguard the unpublished results generated by ESR8 and ESR17, ensuring that their findings remain protected until formal publication. During the embargo, access to the deliverable will be restricted and the contained results will not be made publicly available, thereby preserving the intellectual property and publication rights of the ESRs involved. This deliverable will become publicly available from 1st of March 2026 at <https://doi.org/10.5281/zenodo.15292284>.