

Introduction to KnowFalls

Our MISSION:

KnowFalls, through an artificial intelligence fall prevention system, facilitates a healthcare institution's transition to value-based care. The KnowFalls Fall Prevention System:

- decreases fall injuries and their adverse impact on patient outcomes
- increases hospital profitability and cashflow by reducing post-fall injury care expenses which are not reimbursed by Medicare and private insurers, and
- decreases fall liability (one of the top three healthcare claims).

The PROBLEM:

The Agency for Healthcare Research within the US Department of Health and Human Services estimates that:

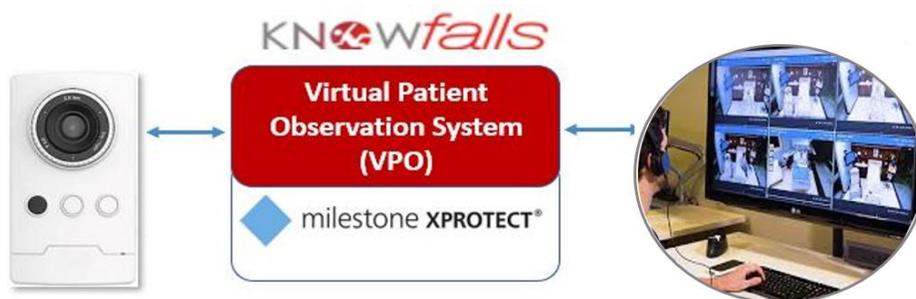
- 800,000 to 1,000,000 patients fall per year
- 35% are injured
- 10,000 patients die
- Hospital costs per fall is \$6,998 (excluding litigation)

And hospitals continue to bear the cost for Medicare and private insurers provide no reimbursement for post fall injury care.

The SOLUTION:

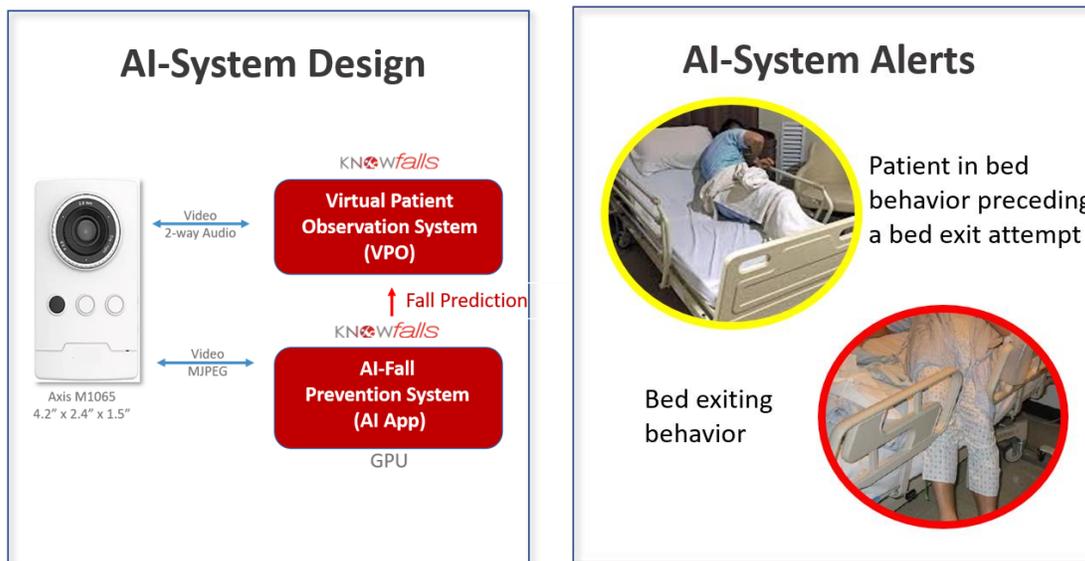
The KnowFalls Fall Prevention System consists of a Virtual Patient Observation System (VPO) and the AI-Fall Prevention System (AI-System).

The **VPO** enables a virtual patient observer to replace in-room patient sitters at a ratio of 1 observer to 14 in-room patient sitters, generating a savings of \$390,000 per year. The VPO software system is integrated tightly through the SDK to the Milestone Xprotect VMS.



The **AI-System** runs independently on a high-speed processor (GPU). The AI-System interfaces directly to one of the cameras sub-video channels. The internal AI Model...

- (a) processes the camera data, locates the patient bed and identifies patient bed activities preceding a fall and
- (b) initiates an early warning (via a web service message) to the VPO to generate a video and audio alert for patient intervention to the healthcare team. It can range from a remote patient observer engaging the patient to decelerate or stop the bed exit and/or to have the attending nurse or CNA intervene.



THE MARKET: \$3+ Billion within the US and over \$5 billion internationally.

DATA SHEETS: [Virtual Patient Observation System Reduces Hospital Patient Falls and Expenses](#)
[KnowFalls AI Fall Prevention System](#)

KNOWFALLS TEAM: Experienced team of entrepreneurs, artificial intelligence experts and healthcare professionals. For team details, access www.knowfalls.com/about

FOR MORE INFO...

Website: KnowFall.com

John Montelione, T#941.724.9700, johnmontelione@KnowFalls.com