



Ibis™
**An Intelligent, Internet
of Things, Platform for
Complex Health
Management**

Ibis is a proven technology platform designed to assist clinical care teams managing high-risk, high-need patients. This population is characterized by multiple chronic conditions, frequent use of urgent care (hospital admissions and ER visits), and self-management vulnerabilities (complex medications regimen, multiple physicians, poor vital signs, psychosocial and cognitive challenges, depression, or substance abuse). Ibis improves this populations ability to self-manage their conditions and to improve health with technology that:

- Activates and guides patients through their daily routines to dramatically improve medicine adherence and self-help behaviors
- Monitors patients' vital signs and assists them with individually tailored protocols should an adverse event occur
- Triggers earlier interventions by a patient's medical team through real-time alerts on potential health and behavioral problems
- Provides detailed patients' behavior data and wellness trends to their caregivers for better diagnoses and treatment

The Ibis platform currently supports patients with diabetes, heart failure, COPD, hypertension, depression, or cognitive disabilities. The platform consists of four components:

The CareStation™ - an internet-enabled, touch-screen device that resides in the patient's home. Designed for those without computer skills, the CareStation gently reminds the patient to complete the tasks in the daily care plan, including meals, exercise, medications, self-checks and clinical follow-ups. The status of these activities and data from vitals monitoring devices are captured by the CareStation. This information is analyzed for any possible adverse health issues. If detected, the patient is guided through an approved symptom-based clinical protocol and the caregiver is alerted.

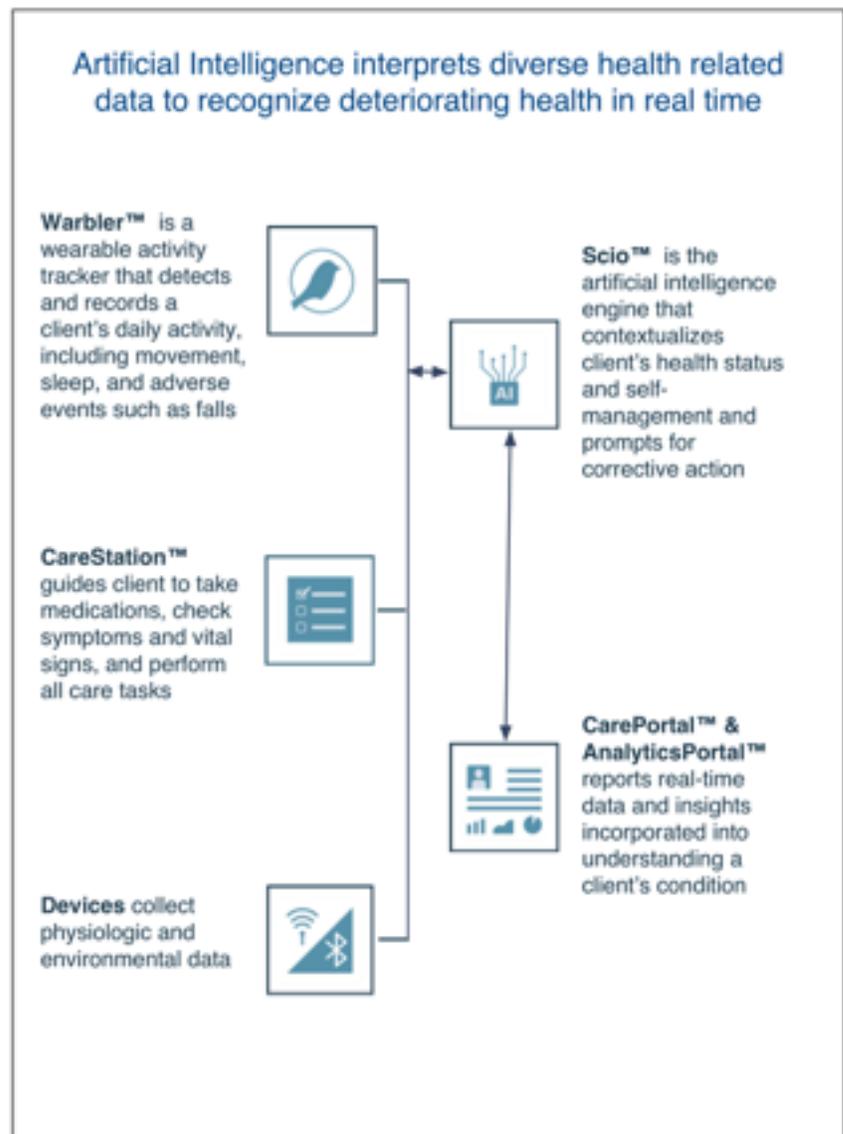
The Warbler™ - a unique, unobtrusive sensor that is worn on the wrist or a lanyard. It serves as an emergency call device, but goes far beyond other personal response aids by continuously monitoring the patient's physical activity throughout the day including quality of sleep, levels of movement, exercise sessions, and potential injury conditions. Abnormal activity levels are analyzed and flagged as early indications of depression or disease onset.

The CarePortal™ and AnalyticsPortal™ - a cloud-connected web application that provides caregivers the information they need to monitor and manage high-risk, high-need patients.

Caregivers specify the care plan for medication, diet, exercise, and self monitoring regimen through the CarePortal. The care plan is delivered to the patient daily through the CareStation, which monitors vital signs and adverse health events in real-time and notifies caregivers to possible health and behavioral issues via text or e-mail messages. Clinicians can review all data collected by the CareStation to evaluate their patients' health trends and drill down to see detailed day-by-day information.

Scio™ - the artificially intelligent "brain" that is the heart of Ibis. Scio contextualizes all patient data collected by the CareStation, Warbler, and third-party vitals monitoring devices (EKG, spirometer, oxygen sensors, etc.) into useable information to improve the care of individual patients. Scio uses predictive analytics to provide actionable, real-time insights into behavioral risks, care gaps, and health outcomes for different population cohorts. This analysis can be used by population health managers to prepare highly-targeted patient outreach, training, and social support programs that lead to sustained improvements in overall population health.

Ibis provides a constant window into the quality of a patient's¹ health and self-management, recognizing shifts in health that require attention and cueing for timely interventions in the home, thereby transforming health management from being reactive to proactive, from episodic to constant, from being facility-based to home-based.



¹ Please note that we interchangeably refer to patients as members.