PilotFish Middleware and Cloud Solutions for Achieving Healthcare Interoperability

eiConsole for Healthcare –
An interface engine IDE for the creation, deployment and management of interfaces. Configure interfaces end-to-end using a graphical "Assembly Line". Perform codeless, drag & drop data mapping. Download pre-configured interface templates or share your interfaces on our PIE ("App Store" for Interfaces). Debug and test at any stage in a graphical test mode and promote interfaces to production on the eiPlatform runtime.

eiPlatform –
A high performance, secure, runtime complement to the eiConsole for Healthcare. Interfaces developed in the eiConsole can be deployed to production on the eiPlatform with a few mouse-clicks where they will run in unattended mode.

HealthConnect –
PilotFish HealthConnect is an application that resides on your smart device. HealthConnect facilitates integrating any Apple or Android supported Health/Medical device with anything, anywhere, using any format and any connectivity protocol.

PilotFish Interface Exchange or "PIE"–
A cloud-based exchange or "App Store" for eiConsole users. Download, share or publish interfaces, interface templates or components that enable collaboration and facilitate reuse.

eiPortal for Healthcare Integration –
A cloud-based solution that provides all of the resources required to establish standardized initial and ongoing healthcare information exchange. The eiPortal links to a web repository with everything required to configure an interface to your system, and a fully automated testing facility allows validation of information exchanges before going live.

eiDashboard –
An optional application component that monitors the performance of the eiPlatform and provides a wealth of Business Intelligence (BI) information.

About Applied PilotFish Healthcare Integration (APHI) –
A subsidiary of PilotFish Technology, APHI distributes PilotFish products and provides related services to the Healthcare industry. PilotFish, founded in 2001, develops comprehensive middleware that enables interoperability using industry and XML standards.

HealthConnect

Integrate any Health/Medical Device with Anything, Anywhere

Smart Device

Bundled Apps

3rd Party

PilotFish

HealthConnect

Health/ Medical Devices

PilotFish Integration Engine
eiPlatform Server

Listener — **Transform** — **Router** — **Transform** — **Transport**

XML — XML — XML

Anything, Anywhere – Any Data Format, Any Connectivity

EHR

Patient Monitoring

Analytics

Applied PilotFish Healthcare Integration, Inc.
9950 Princess Palm Avenue, Suite 320
Tampa, FL 33619

PilotFish Technology
100 Roscommon Drive, Suite 220
Middletown, CT 06457

Phone 860-632-9900 | Fax 860-632-9923

www.healthcare.pilotfishtechnology.com

APPLIED
PilotFish
Healthcare Integration™

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Healthcare Integration™

HealthConnect – *End-to-End Integration*

Integrate any Health Device with Anything, Anywhere, Using Any Format and Any Connectivity Protocol

Smart Device

Bundled Apps

3rd Party

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HealthConnect

Health/ Medical Devices

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| Listener | Transform | Router | Transform | Transport |

XML · XML · XML

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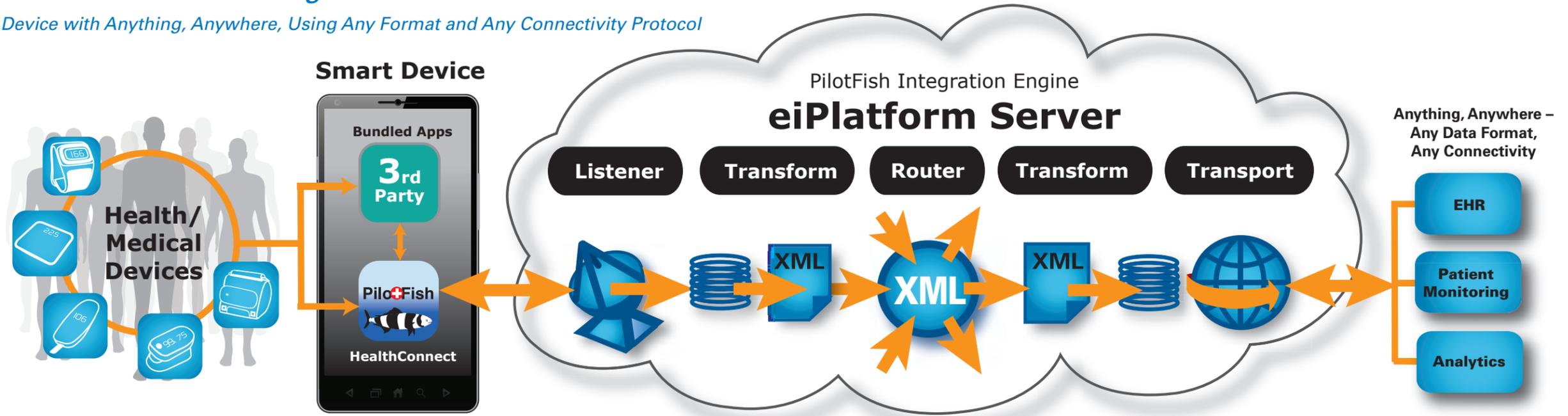
Seamless Remote Patient Monitoring

Bring remote patient monitoring to a whole new level with PilotFish's HealthConnect. Accountable Care Organizations (ACOs), patient care co-ordination organizations, mHealth providers, and others can leverage our HealthConnect solution to make remote patient monitoring almost effortless. Any Health/Medical device that communicates with a smart device, including Apple's HealthKit or Google's Android, can now integrate with anything, anywhere, using any format and connectivity protocol. HealthConnect works with health/medical devices that communicate via USB, WiFi or Bluetooth.

Universal Connectivity

HealthConnect is a platform agnostic application that resides on your smart device. The smart device can be an Apple or Android platform, a smart phone, tablet or a health data aggregation device. HealthConnect can connect to health/medical devices through:

• Apple's HealthKit
• Device manufacturer's 3rd party bundled apps
• Device manufacturer's APIs
• Directly to the device

Powerful Capabilities

The HealthConnect solution connects the smart device to the PilotFish eiPlatform Integration Engine which provides powerful capabilities to transform data into any format, and transmit it using any communications protocol. The eiPlatform's 5 configurable stages allow you to connect, process, and transform data from the source system (your health/medical device), then route, process, transform, and deliver data to the target system (EHR, Patient Monitoring, Patient Portal, Analytics or any other system, application, or database that you may require.)

Easy to Implement

The HealthConnect App is easily configured to meet your requirements. It is downloaded to your smart device where it provides the connection between the health/medical devices, the smart device and the PilotFish eiPlatform Integration Engine. The eiPlatform handles the data transformation and delivery of the health data to the target system in the correct format using the required connectivity protocol.

HealthConnect can play a key role in connecting patient medical device data with the systems and applications needed to improve patient outcomes and reduce readmissions.

Remote Patient Monitoring & Data Collection in 6 Easy Steps (Example: via Apple HealthKit)

Call us at 860 632-9900 to learn more about HealthConnect

Step 1. Patient opens the PilotFish HealthConnect app

The patient taps the PilotFish HealthConnect app icon to open the application and get started.

Step 2. Patient opens the third-party app

Next, the patient taps to open the third party app paired with the medical device that has been selected as part of their remote monitoring program.

Step 3. Patient uses the selected medical device

Each app auto records the data and routes it to Apple Health. Generally, once the patient opens the app and uses the device (steps on a scale, for example), the device will auto record the test data. For other devices, the app will recognize the device (such as a blood pressure cuff) and provide the user with a few simple prompts. (Manufacturer instructions supply proper use of each device and app.)
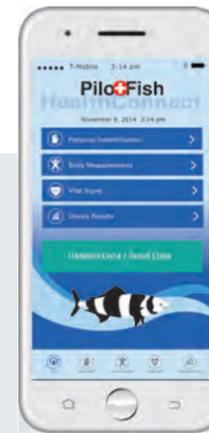
Step 4. Data automatically gets routed to HealthConnect

The PilotFish HealthConnect app is designed to automatically poll for data once the app is opened. While using a device and testing, patients are not required to have any further interaction with the app. Test data passes from the device and app to HealthKit (Apple Health) and then to HealthConnect.

Step 5. Test Data passes through the eiPlatform

The PilotFish HealthKit solution includes the powerful PilotFish eiPlatform Integration Engine. Test data from a device is routed to Apple Health which is then picked up by HealthConnect. HealthConnect passes the data to the eiPlatform.

Step 6. Test Data is received by the target system

The eiPlatform can be configured to provide test data in any data format and use any connectivity protocol required by the target system. The target system can be anything: an EHR, application, database, etc. It can be cloud based, or on a physical server. Data can also be transmitted back to HealthKit to update patient data in Apple Health.