

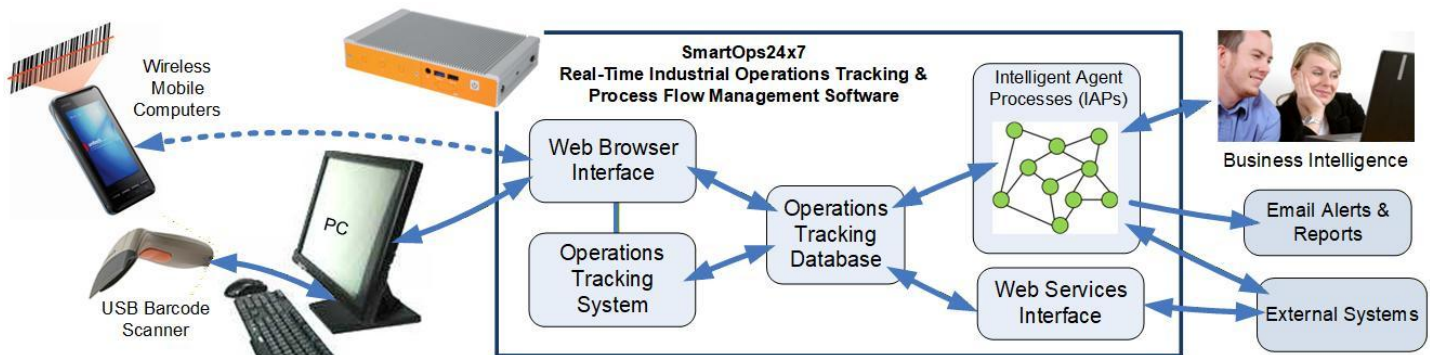
“AI in a Box” Product Line

Introduction

SmartOpsMgt’s “AI in a Box” is a series of software products, tailored to running on small IOT (Internet of Things) or desktop computer systems, such as that shown here.

The first two “AI in a Box” products are:

- **WIPtracker™** - which is tailored to the operations tracking and process-flow management needs of make-to-order manufacturers
- **FoodTrackTrace™** - which is tailored to enable food processors and packers to comply with the food traceability requirements of the FDA and CDC.



Inside each box is a copy of the BellHawk real-time data collection software and integrated copy of the MilramX intelligent agent software. In addition, there is specialized software appropriate to the operations management mission of the box.

Each box can be shipped with all needed software pre-loaded so that it can be plugged in and start being used with little or no IT support, thus making it easy to deploy for smaller organizations.

Why AI in a Box?

The BellHawk and MilramX software platforms use a wide variety of AI algorithms to reduce the amount of “intelligent grunt work” needed to track and manage process-flow operations in manufacturing, distribution, and other industrial organizations.

What differentiates the SmartOpsMgt approach is that all the software needed to track and manage operations in each plant or warehouse can run on-premise in a small inexpensive IOT or desktop server computer. This is in contrast to generative AI systems, like those from Open AI, which require the use of large, expensive data centers that can only be accessed over an increasingly unreliable internet.

For more details about the AI technology behind this, please see white paper “AI in a Box: Developing Industrial AI Solutions with True Economic Benefit¹”.

Benefits of AI in a Box

- Incorporates lessons learned from over a decade of experience in implementing real-time AI systems to track and manage operations in a wide variety of manufacturing, distribution, and other industrial facilities.
- Each “box” can come with all necessary software pre-installed, ready to “plug-and-play”, which minimizes needed IT support costs,
- Typically provides over 90% of the code needed for each deployment, working “out-of-the-box.” Then this software can be easily configured and customized to the specific needs of each facility, by IT and manufacturing staff setting up rules and writing scripts in Python. No need to employ full-stack programming experts to make modification or, even worse, making do with a “one-size-fits-all” system that does not truly meet your needs.
- Works with a wide variety of different data collection devices, including wireless mobile computers with integral barcode scanners, without any code.
- Subsystems are available to provide capabilities such as on-demand barcode label printing, interfaces to weighing scales, and RFID tracking. These run in IOT computers and securely communicate with the “AI in a box” server.
- Supporting SmartOps24x7 software is available to run in a Cloud-based server to integrate and control multiple “boxes” and to exchange data with the enterprise’s ERP, CRM and supply-chain management systems, as well as with trading partners.

Availability

AI-in-a-Box software installation kits are provided to our partners, for different application configurations. Partners can then sell and deliver AI-in-a-Box systems, complete with IOT computers, or can assist clients to install this software on their own computers.

For More Information

Please contact your SmartOpsMgt Reseller Partner or marketing-support@SmartOpsMgt.com.

¹ PDF can be downloaded from www.SmartOpsMgt.com/WhitePapers/