

CES25 - BConnect Q&A

Industry Problems Solved by BConnect

1. Slow and costly development cycles

Problem: Many companies face lengthy development and debugging processes that consume significant time and resources. The need for extensive backend and DevOps teams increases operational costs, making healthtech innovation financially daunting, especially for smaller companies or startups.

How BConnect solves it:

- Pre-configured components and demo applications drastically reduce development time.
- Built-in functionalities minimize the need for specialized teams, cutting costs and resource requirements.
- Teams can rapidly test and iterate on projects, enabling faster R&D cycles and quicker time-to-market.

2. Reinventing the wheel for every project

Problem: Development teams often waste time building common functionalities like BLE connectivity, authentication, and other standard features from scratch for every new product. This redundancy leads to inefficiencies and delays in focusing on unique, value-adding aspects of the product.

How BConnect solves it:

- Provides ready-to-use, pre-tested components for connectivity, authentication, and more.
- Standardizes the development process, removing uncertainty and reducing human error.
- Allows teams to focus on creating product-specific innovations instead of re-engineering foundational systems.

3. Inefficient team collaboration and bottlenecks

Problem: Healthtech development often suffers from poor cross-team collaboration. Dependencies between teams, inconsistent implementation processes, and a lack of standardized tools result in communication breakdowns and project delays.

How BConnect solves it:

- Standardized processes ensure consistency across platforms, making it easier for teams to collaborate.

- Tools like public APIs and modular components and default applications enable parallel development, allowing teams to work independently without waiting for dependencies.
- A shared development environment fosters better communication and smoother coordination between software developers, data scientists, and product managers.

4. Inflexible platforms with vendor lock-in

Problem: Many IoT development platforms lock companies into specific hardware or software ecosystems, limiting flexibility and making scaling costly and complicated.

How BConnect solves it:

- Cross-hardware compatibility prevents vendor lock-in and ensures scalability.
- Flexible architecture supports custom development while providing a robust foundation of pre-configured components.
- Integrates easily with existing systems via public APIs, allowing companies to adapt solutions to their unique needs.

About BConnect

- What is BConnect?

BConnect is a low-code, privacy-by-design software platform designed to accelerate the development of AI-powered smart devices and gamified health and wellness applications. It provides a comprehensive catalog of pre-tested components, enabling teams to prototype and launch products in days instead of weeks.

- How does BConnect benefit developers, data scientists, and product managers?

For developers, BConnect generates firmware, mobile apps, and backend applications, simplifying the integration and deployment processes. This holistic approach reduces the time and effort needed to complete IoT projects.

For data scientists, BConnect accelerates the research cycle by providing an environment to quickly test and modify specific parts of their algorithms without the need to rework the entire system. It supports both Python and C++ to facilitate collaboration between data scientists and developers.

For product managers, BConnect enables faster project completion and more efficient resource allocation, ensuring that IoT products can be brought to market quickly and with fewer technical hurdles. Its all-in-one nature ensures that product managers can oversee a cohesive and streamlined development process, from initial concept to final deployment.

- How is it different from other IoT development platforms?

BConnect primarily benefits IoT developers by offering a comprehensive solution that includes firmware, mobile apps, and backend solutions. While competitors may excel in specific areas, BConnect stands out by integrating multiple components, making it the preferred choice for projects requiring a holistic approach.