

## INNOVATION = CONNECTING DEVICES TO STREAMLINE DATA TRANSFER AND ENHANCE PRODUCT COMPATIBILITY

### INNOVATION AT A GLANCE

**Technology:**

WiFi and Bluetooth

**Industry:**

Universal

**Syncroness expertise:**

- » Device Connectivity
- » Data Transfer
- » Low Power Implementation

**Objectives:**

- » Simplify transfer process
- » Connect multiple product lines
- » Offer users upgraded feature set
- » Eliminate serial port cabling

**Approach:**

- » Integrate WiFi and Bluetooth into existing products for cost-effective upgrade
- » Customize wireless packages to consider Standard WiFi, MiFi and Bluetooth for product-specific applications

### EXAMPLES

- » Cardiac rehab device connectivity
- » Bluetooth data transfer for digital force gauge to central database
- » Cable elimination project for optical devices used in an office setting



In an age where data transfer and device connectivity are expected of all products, the use of wireless and Bluetooth technologies are more important than ever. Linking device families and replacing burdensome serial ports are regular efforts at Syncroness.

### THE MARKET EXPECTS TO BE CONNECTED SEAMLESSLY AND QUICKLY. SYNCRONESS HAS INTEGRATED WIFI AND BLUETOOTH INTO EXISTING AND NEW PRODUCTS ALIKE.

Integrating wireless and Bluetooth compatibility into new and existing products is a great way to enhance a product's feature set. At Syncroness, we are no stranger to developing and leading these efforts and have experience in all standard wireless and Bluetooth technologies including WiFi 802.11 A/B/G, Low and High Power Bluetooth and proprietary 2.4GHz WiFi. Additionally, we've integrated wireless technology across many platforms and industries, meeting and exceeding industry regulations and standards while improving the user experience.

Specific examples of Syncroness' wireless integration experience include placing Bluetooth technology in an existing handheld digital force gauge. This allowed users to automatically transfer data from the device straight to a predetermined database for analysis

and reporting without connecting to a PC. This simplified the process and minimized required training for staff.

In a separate example, our team developed and managed device connectivity between multiple cardiac rehab systems for use in a medical office environment, allowing nurses to prescribe and monitor patient rehabilitation programs using ECG devices, treadmills and exercise bikes remotely from handheld units while collecting and protecting data (per HIPAA) at the Master machine.

In its most simple form, Syncroness has also executed programs specifically aimed at eliminating the need for hard-wired solutions between devices. By eliminating serial port cables, Syncroness was able to open the opportunity for optometry offices to move equipment out of a single room, reduce clutter, simplifying patient processing and minimize the need for specialized installations.

These experiences and more make Syncroness a great choice to modernize your product lines and create brand compatibility across product families while expanding feature sets and improving the end user experience.

### LET'S KEEP INNOVATING.