

# Balance Advantage® Software Version 2.1

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## Main New Features



CDP/IVR™ with Driving Scene Training

### 3 new VISION tab training scenes for CDP/IVR and Prime IVR users

- Available for CDP/IVR™ and Prime IVR™
- Driving
- Park
- Boardwalk



CDP/IVR™ with Park Scene Training



CDP/IVR™ with Boardwalk Scene Training

Dear Balance Advantage Customer,

This communication is designed to outline the main updates available in Bertec's new Version 2.1 Balance Advantage software. Bertec wants to simplify and optimize daily workflow for our customers. For most feature updates, our driving force was customer requests. The software spans across all Bertec clinical products, so this document includes changes made to static and dynamic systems including the CDP/IVR, Prime IVR, Essential, Functional, and Bertec Vision Advantage systems. Please consider which system you are using as it relates to each change.

Note: This reflects changes from version 2.0 build 1562.

Note: Bertec recommends a minimum specification of GTX1650 graphics card in the CDP/IVR computer to run the 2.1 software.

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## **TRAINING SCENE FEATURES**

The design of new training scenes allows clinicians to change the balance training, visual, and cognitive difficulty level in real-time. The features which can be changed on demand during training are listed below:

- Speed: scene's visual flow rate
- Obstacles: static obstacles or moving obstacles for the patient to anticipate and shift their weight to avoid
- Peripheral Density: complexity of outer edges of the scene
- Central Density: complexity of center of the scene
- Distraction Frequency: how often a random object traverses the scene
- Cognitive Frequency: how often the patient must perform a cognitive task in addition to balance tasks
- Lighting: if the scene is in daylight or nightlight mode
- Audio Feedback: if sounds related to the scene are audible

## **REPORTING IMPROVEMENTS:**

- Combined test reports: faster method to combine multiple test reports in one export file for a patient
- Test reports print without breaks in report elements
- Test report zoom in/zoom out feature added
- Test report right clicking to edit and add text or additional figures
- COBALT fully redesigned report with graphical representation of normative data
- COBALT progress reports added
- Patient's BMI information can be removed from test report

**OTHER IMPROVEMENTS:**

- BVA Training: included 30 deg/sec as a speed option during training
- "Scene Loading" indicator for scenes with longer loading time
- Alignment Image: includes green squares for better alignment instruction
- Updated User Manuals for Dynamic and Static systems
- New User Manual for Spark systems
- Database Integrity check speed improvement
- Database Archiving speed improvement
- Patient Search feature can parse both Patient Name and Patient ID