



The future of meetings is here.

It's flexible. It's intuitive. It's smart.

# Introducing wave OS™

The future of meetings is here. It's flexible. It's intuitive. It's smart.

## What we do

Ashton Bentley provides technically advanced and integrated meeting room technology that is simple to use and manage.

## Why we do it

We recognise that meetings are stressful enough. The last thing people need is for the technology to let them down or be too complicated to use.

## How we do it

Our systems can be purchased with one part number and delivered in a single shipment. Installed and working in minutes.



## New innovations

Professional 'smart' displays with integral HD echo cancellation, and a range of simple to use wired and wireless interfaces. However, the real magic is taking Apps into the meeting room with our revolutionary wave OS. Read on.....

# Introducing wave OS™ from Ashton Bentley



## Professionals today are the wired generation.

They have smart TVs in their living rooms and smart Phones in their pockets. This has meant that they communicate increasingly via popular Apps such as FaceTime, Skype and WhatsApp and source information from News Apps and Media channels.

Businesses are now wanting to integrate the same multi-platform and flexible approach into their audio visual and video conferencing systems. Yet, until now, the marketplace has not taken the step into the App driven world.

## Introducing wave OS from Ashton Bentley

wave OS allows users to interact with the meeting room technology in a way that they are comfortable and familiar with, using Apps rather than hardware to present, communicate and both source and share information in the meeting room environment.

## Feature Focus



## Control Dock

The on-screen display gives additional control functions such as:

- Source input selection
- Volume & Mute
- Network status



## Login

Login with on-screen keyboard (or wireless keyboard provided) to get user or room profile loaded



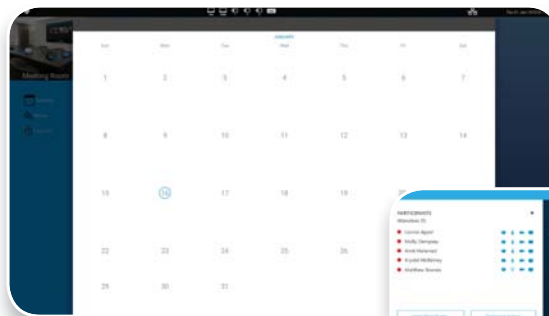
## User Profile

Each user can have a different profile that loads their preferred (and approved) Apps



## Room Profile

Configure a separate room profile for a specific meeting or event



## Calendar

Synchronise with calendar to automatically launch Apps for timed meeting



## Skype for Business

Login with your profile and get all your buddy lists and make video calls



## Different Platforms

Skype for Business in one meeting, WebEx the next. No need to change hardware.



## ab 'smart' Displays

Fully integrated app based meeting room system for presentations and collaboration.

### Comprising:

- Embedded application engine running wave OS™
- Professional HD display
- Logitech C920 USB camera and microphone (other USB cameras available)
- Video/Audio signal routing and switching
- Optimised video processing & scaling
- Stereo audio system with integral HD echo-cancellation
- Bi-amplified active loudspeakers
- Four balanced microphone inputs
- Bluetooth conferencing connectivity for mobile phones, etc
- Wireless presentation sharing for tablets and other devices
- Two AUX HDMI inputs
- HDBaseT connectivity via single UTP cable to Ashton Bentley table interfaces
- Accommodates a variety of different manufacturer's hardware codecs
- Invisible wall bracket
- Control connectivity for second display
- Connects to Ashton Bentley abSee (Management:Monitoring:Metrics)

### Options:

- 55" or 70" ab Displays
- 10 point touch surface
- Black or white finish



Systems available in single and dual configurations



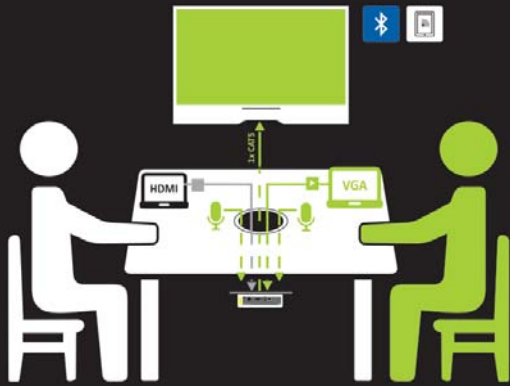
## Feature Focus

### Mounting options

Displays come as standard with wall mount. Options:

- Table/credenza stand
- Floor chassis
- Pole mount





We now have more technical clutter than ever to deal with, especially when in meetings:

- Laptop
- Tablet
- Mobile
- Desk phone
- Control touch panel
- USB for charging or data

Connecting to the display can be a challenge, and can leave the meeting room table looking like a bird's nest. Add to this the complexity of a control system, and suddenly the meeting room is no longer simple to use. Until now...

Ashton Bentley provides a variety of simple to use input options, both wired and wire-less.

An interface under the table connects the following to the display, via a single UTP cable:

- 4 laptops (any combination of VGA/HDMI/DisplayPort)
- 2 microphones
- 2 USB (data sharing)
- 2 network ports (one with POE for IP phone, Touch Panel)

In addition, direct audio/video input to the display can be done via these wireless options:

- Wi-Fi direct from device
- USB wireless seeMe adaptors



### seeMe Cables

Simple to use laptop selection. In-line button. Last button pressed is displayed. HDMI, VGA and DisplayPort

### Table box

Discreet circular table box housing:  
2 – seeMe cables, or retractors  
2 – USB (data sharing)  
Available in black or silver



### interface

Under table input connectivity

- 4 laptops (any combination of VGA/HDMI/DisplayPort)
- 2 microphones
- 2 USB (data sharing)
- 2 Network ports (one with POE for IP phone, touch panel)
- RS232 bi-directional



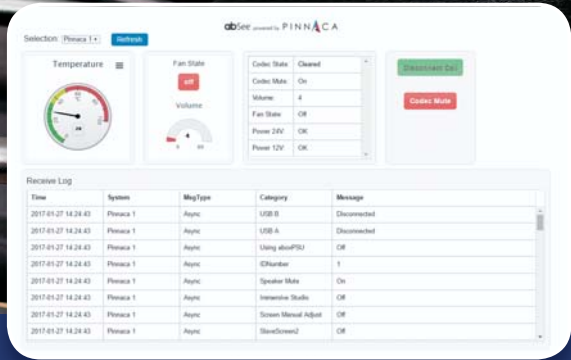
### interface-EX

Daisy chain interfaces for additional inputs.  
Max 5 per system, so up to 20 laptop inputs!  
(max of 4 mics per system)

### Single UTP cable

Interfaces interlinked with single UTP cable from display to the table interfaces





abSee™ Manage | Monitor | Metrics

Each Ashton Bentley system can be individually managed, controlled and monitored via a web based IP platform – abSee.

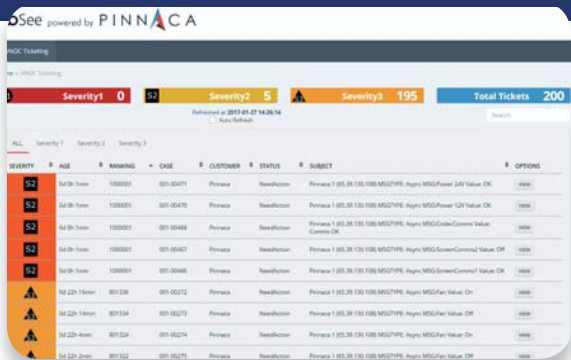
For clients that have more than one Ashton Bentley system we offer a subscription based enterprise version of the abSee IP remote management suite. abSee is available on-premise or as a cloud service.\*

abSee enables:

**Manage:** A full administration console allowing administrators to give users permission to access many approved Apps and modify room and/or user profiles. Plus have full remote control of the room to provide real time user support.

**Monitor:** Real-time diagnostics to monitor the equipment in the room and get alerts if things go wrong. Set up regular automated test sequences and reporting

**Metrics:** Run reports on statistics such as room usage, connectivity and frequently used Apps



# Ashton Bentley solutions for Integrators

You asked, we listened and have delivered!

We are releasing the 'brains' behind our integrated room solutions as separate units. We call these boxes "abox". See what we did there.....

This now enables integrators to design and build their own systems around Ashton Bentley core technology. The technology that makes Ashton Bentley room solutions technically advanced yet simple to use. The abox-i and abox wave-i provide a single box solution for the heart of any custom meeting room whilst allowing these rooms to be controlled, managed and monitored via the abSee platform.



abox-i



abox wave-i

Plus we have made sure all our new innovations are included:

- Wave OS – take business Apps into the meeting room
- Single UTP cable connection from table to abox
- seeMe cable – simple and intuitive control of input selection
- Audio and video processing and switching
- Tighter integration with hardware codecs
- Full integration with control systems such as Crestron and AMX

## Feature Focus



### Manage | Monitor | Metrics

Connect your room system through the abox to our web based management platform - abSee. This subscription based service provides a range of services:

- Manage: A full administration console to set up user and room profiles. Only give users access to approved Apps
- Monitor: Real-time look at the equipment in the room and get alerts if things go wrong, before the meeting starts
- Metrics: Run reports on statistics such as room usage, connectivity and frequently used Apps



### Displays

List of approved 3rd party displays from Samsung, NEC and LG. More to come



### Audio

Design your own audio system:  
Amplifiers, speakers and microphones



### Laptop inputs

Select laptop inputs via our simple to use seeMe cables. Any combination of HDMI, VGA and DisplayPort.



### Hardware Codecs

Easily integrate most hardware codecs into your system. The abox takes over all the connectivity



### Control

The abox can be controlled by Crestron, AMX or other control systems for a fully integrated room solution.

### wave OS

App based system providing access to business applications for presentation, collaboration and communication via multiple soft codecs such as Skype for Business, WebEx, Cisco Spark, Zoom and many others.





## Ashton Bentley furniture solutions



### ab One55 Huddle3™

Single 55" intelligent display with attached 3 seat table.  
Can accommodate most hardware codecs. Ergonomic table designed for best camera angles. Turn small spaces into fully equipped presentation and collaboration rooms



### tablefor7™

Table to compliment Ashton Bentley dual 55" or single 70" room systems. Ergonomic designed table to show everyone on camera. In-table interface for laptop connection using our seeMe cables



Ashton Bentley Europe Limited  
23 Schooner Park,  
Schooner Court,  
Crossways Business Park,  
Dartford,  
Kent,  
DA2 6NW

www.ashtonbentley.com