

# Z-Machine Box and Target Demo Targets with Augmentation

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# Demo Description

- This Augmented Reality (AR) Demo instructs the user to complete a sequence of steps:
  - “Place Device A on the Green Target”
  - “Place Device B on the Blue Target”
  - “Place Device C on the Red Target”
- The Devices and Targets are indicated by the indicated Custom QR codes
- Once completed, the sequence of steps is repeated.
- When QR targets are detected, Augmented objects are displayed consisting of colored boxes and colored targets.
- Audio feedback is provided to let the user know when they have completed a step and when QR codes have been detected by the AR application.
- The software was developed in C# on the Unity development platform and employs the Vuforia COTS application for target detection and augmentation. Additional custom C# scripts and C# code controls the sequence, augmentations, etc.
- The application is demonstrated on an AR device (Microsoft Hololens, Android, or iOS device).



Devices and Targets are indicated by the indicated Custom QR codes (taken from the AR demo in Unity)

