

Weapons Testing

Weapons testing of missiles require the observation of the missile's detonation and the destruction of an object caused by the missile. This is extremely dangerous and the process is tremendously fast.



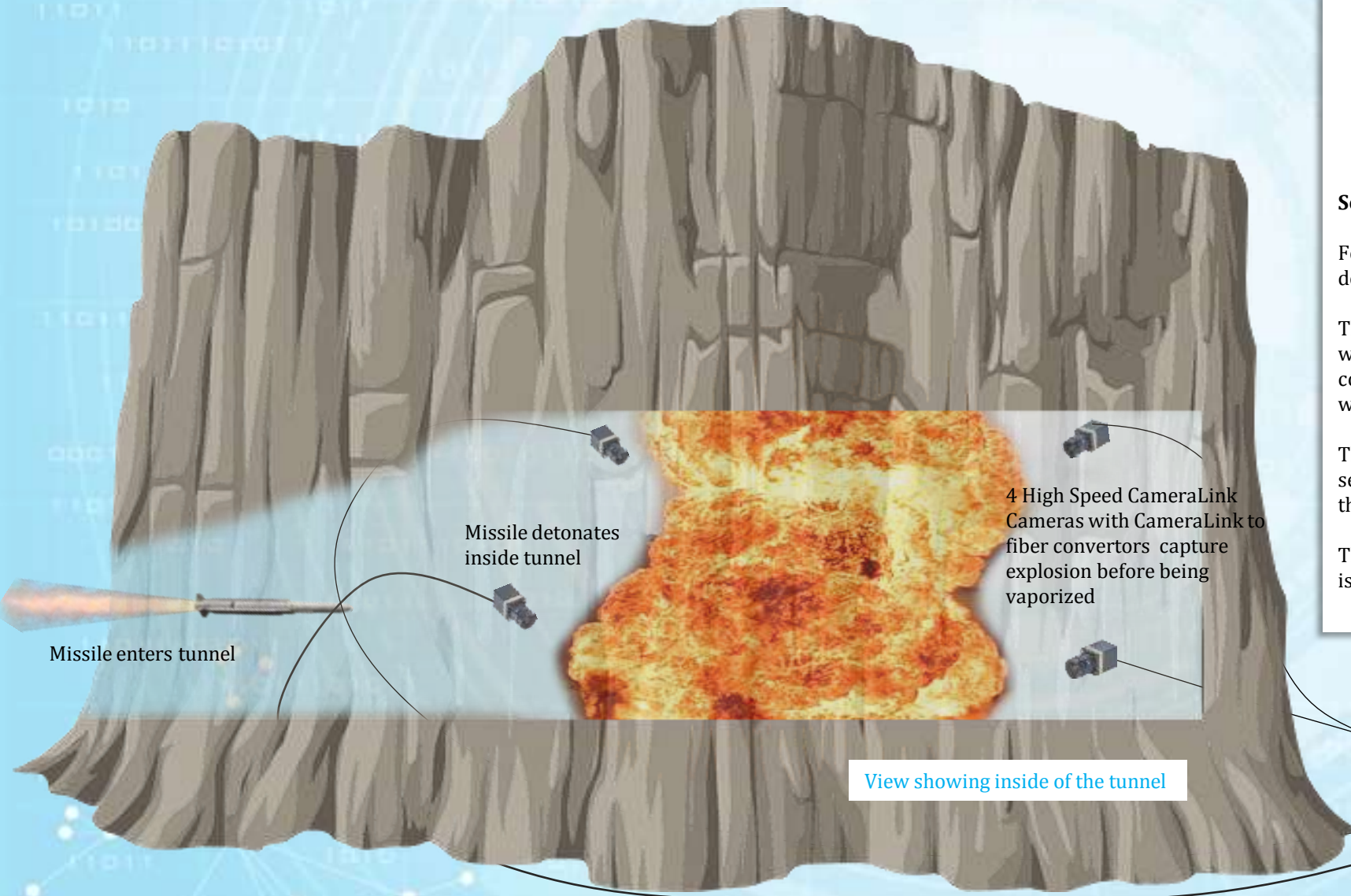
Solution:

Four High Speed CameraLink cameras are used to record the missile detonation and destruction.'

The cameras are positioned inside the tunnel where the explosion will take place. Each camera is connected to a CameraLink to fiber convertor. A fiber cable then connects the cameras to a computer which has a fiber to CameraLink convertor.

The high speed cameras capture video of the explosion and remotely send the images to the computer before they become vaporized by the blast.

The computer stores the images and can replay the missile explosion in slow motion.



Missile enters tunnel

Missile detonates inside tunnel

4 High Speed CameraLink Cameras with CameraLink to fiber convertors capture explosion before being vaporized

View showing inside of the tunnel

Fiber cable

Cameras remotely send images to computer with fiber to CameraLink convertor

