

Testing network security equipment before broadcasting



Overview

This is Supplement 1 to EBU R160 version 2. It provides guidelines for performing vulnerability assessments of broadcast equipment (Device under test - DuT). Failures in any component can disrupt the broadcast chain, leading to lost revenue, reputational damage, and, in severe cases, regulatory penalties. Therefore, testing plays a crucial role. Production workflows and infrastructures are rapidly migrating to generic IT technologies. Connected media devices still tend to have a low security threshold inherited from the era of non-connected broadcast media where cybersecurity due diligence was often not a top priority for manufacturers and. This is Supplement 1 to EBU R160 version 2. It outlines: Basic tests (mostly automated) that should be performed for every DuT to ensure a minimal security baseline. This comprehensive guide explores essential testing protocols and ultimate strategies for ensuring system integrity and robustness. The migration to an Information Technology (IT) based Internet Protocol (IP) network infrastructure has brought advantages to stations in system capability, flexibility, scalability, ease of installation and cost effectiveness. Place compliant internet connected radio products into the EU market, with BSI, a Notified Body for RED.

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