



Diagram of an in-building Distributed Antenna System (DAS), including a Bi-Directional Amplifier (BDA).



DAS (DISTRIBUTED ANTENNA SYSTEMS)

Just like a fire alarm system or sprinkler system, property owners are responsible for maintaining public safety Distributed Antenna Systems (DAS) in working order so that first responders can communicate in buildings.

LEGAL REQUIREMENTS FOR DAS

DAS in King County buildings are required by [RCW 19.27.031](#) and [WAC 51-54A-003](#) (adopting 2018 IFC with WA amendments). The code describes when and how emergency radio systems are required. The Authority Having Jurisdiction (AHJ), usually the Fire Marshal, is responsible for enforcing the code.

PSERN & HOW IT AFFECTS DAS IN YOUR BUILDING

The Puget Sound Emergency Radio Network (PSERN) is a voter-approved effort to upgrade and expand the current King County Emergency Radio Communications System (KCERCS) in the 39 King County cities and unincorporated areas. This upgrade requires that all buildings with public safety DAS re-tune and recommission their equipment. When the PSERN Project has completed the new network, a new, non-profit radio operator, the PSERN Operator, will provide the on-going service.

ACTION ITEMS FOR PROPERTIES WITH DAS

- By September 1, 2021**, contract a DAS Vendor to:
 - Assess your current DAS equipment and configuration.
 - Perform updates to meet the PSERN radio system requirements.
 - Provide instructions and demonstrate to your Building Engineer how to temporarily disable your DAS in the event it is causing interference with the PSERN system.
- Power off DAS in building 2 weeks prior to DAS migration start date. See sidebar for starting dates.
- Sign a Rebroadcast Agreement with the new PSERN Operator to express consent required per [47 Code of Federal Regulations § 90.219\(b\)\(1\)\(i\)](#).
- After migration/cutover, work with DAS Vendor to recommission DAS to meet PSERN radio performance requirements.

UPDATES & QUESTIONS: The PSERN Project is directly contacting properties, but to ensure that you get the required documentation, please subscribe to our newsletter at <https://psern.org/connect>. If you have questions, please contact DAS Coordinator Creighton Watley at DAS-PSERN@kingcounty.gov.

PROPERTY OWNER DISTRIBUTED ANTENNA SYSTEM MIGRATION INFORMATION

MIGRATION DATES*

All King County Properties Contract DAS Vendors & Perform Assessment As Soon as Possible!! Before September 1, 2021

Seattle Properties Starting Winter 2022

South of I-90 Properties Starting Spring 2022

North of I-90 Properties Starting Summer 2022

All Public Safety Agencies Transitioned Winter 2023

**These dates are subject to change. For the latest timeline, please visit PSERN.org.*

For more information on the PSERN Project, please visit: www.PSERN.org