



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.

### PREPARING FOR THE PSERN DAS MIGRATION

The Puget Sound Emergency Radio Network (PSERN) Project will be upgrading and expanding 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. The PSERN Project, the four current radio system operators (King County, City of Seattle, EPSCA, ValleyCom) and AHJs must complete the action items below in preparation for migration.

### ACTION ITEMS FOR AHJs

**By September 1, 2021** (deadline for building managers to contract DAS Vendor):

- Adopt technical criteria for the PSERN system, as required by NFPA 1221 9.6.14, referenced in IFC 510.4.2.
- Ensure availability of technical criteria for the PSERN system.
- Update annual confidence testing process and certification of occupancy process to include PSERN uplink validation.

At least one month prior to your jurisdiction's DAS Migration Date:

- Prioritize the migration sequence of DAS properties (hospitals, stadiums, courthouses, jails, etc.) to minimize downtime for critical facilities.

**UPDATES & QUESTIONS:** The PSERN Project is directly contacting AHJs, but to ensure that you get the latest information, 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](mailto:DAS-PSERN@kingcounty.gov).

## AHJ 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](http://PSERN.org).*



For more information on the PSERN Project, please visit:

[www.PSERN.org](http://www.PSERN.org)