

## An Introduction to DNF Controls

DNF designs, manufactures and delivers trusted *human-to-machine* and *machine-to-machine* control solutions – enterprise-wide and application-specific – and we’ve been doing it for more than 27 years!

We were known for standalone controllers early-on, but today’s DNF has far more to offer. For example, we’re the device control backbone at 30 Rock and recently supplied ingest management for 64 channels *each* in Rio and New England for NBC’s coverage of the summer Olympics. Elsewhere, DNF enables on-air tally management across multiple control rooms, studios and facilities, in multiple cities, for the PAC-12 Network.

Our gear can be found at most broadcast, studio and field production facilities; typically, in a backroom, quietly and reliably powering an efficient workflow.

### DNF provides a broad range of scalable solutions for:

- SCTE Generation, Switching and distribution
- Device Delegation
- Production Devices
- On Air Branding
- Real-time DPI Signal Monitoring
- Primary, Back Up & Break-In Signal Routing
- Remote Device Control
- Emergency Override
- Studio and Remote Tally Management
- Disaster Recovery
- On Air Payout
- Ingest

...and much more.

**We have four major product families:** • Flex Control Network® • Universal Switch Panel • AnyWhere Interface Box, and • IP Control Buddy™.

All our systems employ standardized hardware and software platforms. They can be deployed individually or combined to scale from a single-user to an integrated, high device-density, enterprise-wide solution. Web-browser menus permit operators to easily configure the system to meet specific facility requirements – no programmer needed – then expand and modify as workflows evolve.

DNF “plays well” with all major – and most minor – equipment providers. We add devices, protocols and functionality to satisfy specific customer needs and as our industry adopts new equipment and standards. And, we develop and enhance our products with input from customers to save them time, stay on-budget and get the job done.

Used individually or in combination, DNF's control solutions are easily scaled from a single-user playout control product, to 100+ unit product integrated enterprise-wide system. The following are examples of actual DNF Control systems:

- 60+ channel on-air signal control
- 20+ playout channel DPI Signal monitoring system
- 10+ production control rooms / 100+ resource delegation and on-air control system
- TV Compound 20+ production trucks on-air camera tally control system
- On-air tally control spanning multiple control rooms & studios, in multiple facilities, across multiple cities
- 60+ channel ingest record system with multiple control points

DNF's *enterprise and application specific* gear can be found in major facilities, both at home and abroad, including:

- Television & Cable Networks
- Stadiums & Arenas
- Educational Institutions
- Television & Radio Stations
- Mobile Production Trucks
- Government Facilities
- Production Facilities
- Corporate Boardrooms
- Military Agencies