

# TIC for Radio Data

Improve listener experience with information about radio programs.



## Solution for radio station programming

Radio stations can improve the listener experience by providing information which can be shown on displays built into radio receivers.

The information is known as Program Associated Data (PAD), and can include the station and program names, song title, artist, album, cover image, and useful program schedules known as Electronic Program Guide (EPG).

Radio stations can create and adjust PAD information consistently across regionalized broadcast media types, including FM RDS, digital radio including DAB and HD, satellite radio such as XM, and Internet radio streams.

## Create and adjust PAD information

TIC can be used to collect, create, and update PAD information. The PAD can then be adjusted, for example, timing can be adjusted to simultaneously match the actual broadcasted content, and the information can be regionalized to match the actual media broadcast area.

## Consistently manage across all media

TIC can be used to centrally manage PAD information, consistently cross all broadcast media types.

## PAD for FM RDS

PAD information sent to FM RDS encoders can include RadioText (RT), Alternative Frequencies (AF), and Traffic Message Channel (TMC).

## PAD for XM and Internet

PAD sent to satellite and Internet systems can include information similar to PAD for DAB.

## PAD for DAB

PAD information sent to DAB inserters can include Dynamic Label Segment (DLS) for example station name, song title, and music type.

PAD can include TPEG applications, Broadcast Web Sites, and Electronic Program Guide (EPG) created from radio schedules collected from an existing system.

TIC can send images using Slide Show, including current traffic images from roadside cameras, radio station logos, and advertisements.

## Easy to use with basic training

Program producers in different stations can collaborate in teams and use TIC's intuitive user interface to quickly start using PAD with basic operator training. TIC saves operator time and workload, such as with auto-complete data entry and reusing data to avoid data re-entry.

## Exchange data

PAD information can be published by TIC and exchanged with other stations and print media using data formats such as XML and standard news formats.

TIC ID	Name	PS name	Radio set	TA	TP	CT	CT Index	RT Index
SPG01	RIP_RIP_Co	where	Spide arone - Spide arone					05/2016 12:59 11
SPG05	RIP_DV_Co	aru uk	Meppu - The ferns are the ferns					05/2016 12:58 12
SPG07	RIP_RIP_Co	ARS	ARS - Somerset's English-speaking radio					05/2016 12:58 13
SPG10	RIP_RIP_Co	FR 842	Radio Hummer - FR 842 - French country radio					05/2016 12:58 14
SPG12	SPG12_C	SPF 1	Radio SPF 1 - on Internet out of air					05/2016 12:57 2
SPG15	SPG15_C	SPF 2	Radio SPF 2 - on Internet out of air					05/2016 12:57 14
SPG16	SPG16_C	SPF 3	Radio SPF 3 - on Internet out of air					05/2016 12:56 15
SPG17	SPG17_C	SPF 4	Radio SPF 4 - on Internet out of air					05/2016 12:56 17
SPG18	SPG18_C	SPF 5	Radio SPF 5 - on Internet out of air					05/2016 12:57 28
SPG19	SPG19_C	SPF 6	Radio SPF 6 - on Internet out of air					05/2016 12:56 28

## Operate with navigation information services

PAD can be operated alongside traffic information services, such as traffic news, RDS-TMC, and TPEG, inserting road images into DAB broadcasts.

## Commercial Off-the-Shelf (COTS) product

TIC is a COTS product which provides higher reliability at lower total cost and risk over several years when compared to build-your-own solutions or clones (one-time copies of other systems).

## More information and contacts

Please visit [www.gewi.com](http://www.gewi.com).