

# IOP904

- Gateway -  
TETRA - MOTOTRBO™ Bridge

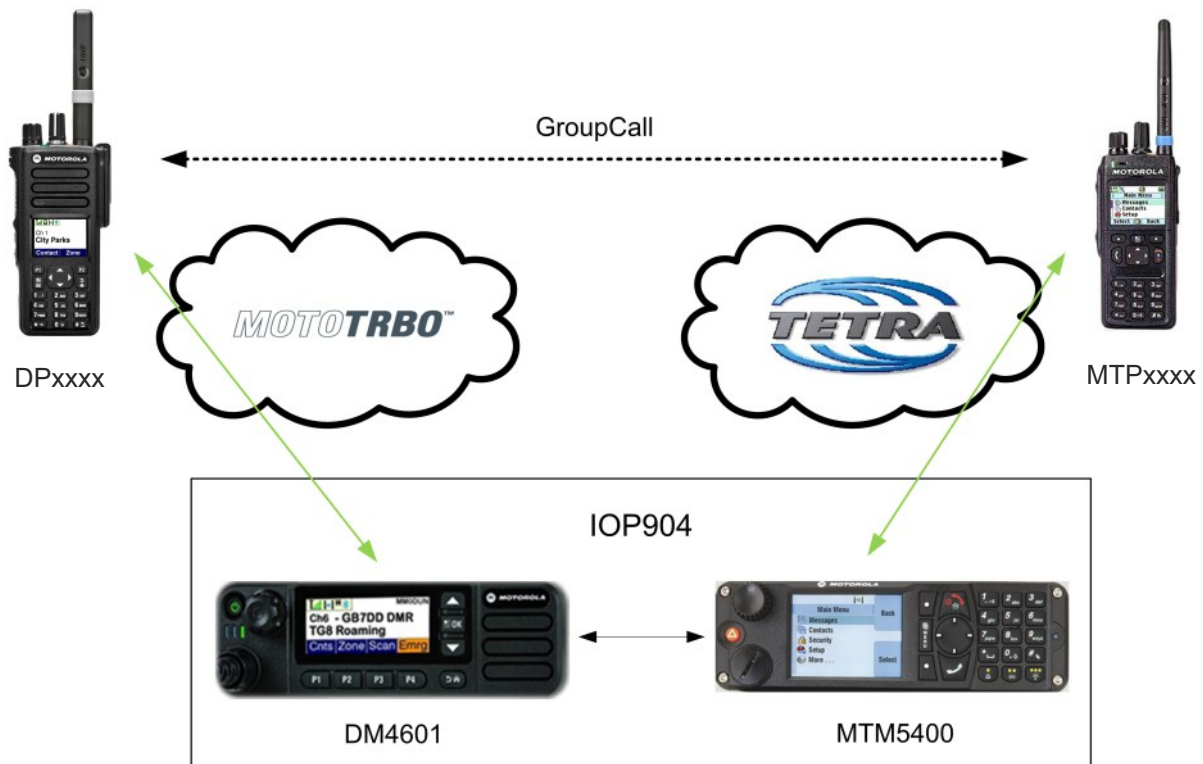


Fig. system sketch IOP904

## Application

The IOP904 system serves as a gateway between a TETRA and DMR network, and additionally supports analogue mode. The gateway enables voice communication between a group of radios from the TETRA network and a group of radios from the DMR network, or a channel from an analogue network.

Plug & play - using a control unit already installed in a 19" steel plate rack (3 RU), the IOP904 connects a TETRA radio set with a DMR radio set. The system provides for all connections required. The indicator elements signal the current status. The gateway can be activated/deactivated manually via an inbuilt push button or remotely via SDS.

The TETRA operating modes TMO and DMO are supported. The DMR TIER II standard with group communication via a repeater in direct mode as well as different development levels of the Motorola DMR system MOTOTRBO™ IP Site Connect, MOTOTRBO™ Capacity Plus, MOTOTRBO™ Linked Capacity Plus are supported. Alternatively, analogue mode via a repeater or direct operation are enabled.

This scalability also supports smooth migration from an existing analogue radio network to a digital network.

## Technical Data

- Indicating elements for operating LED, Bridge-status & -errors, 1 illuminated push button for manual Bridge ON/OFF
- 2 DIN drawer openings and slots for the installation of 1 TETRA / 1 MOTOTRBO™ radio set
- 2 BNC-f panel connectors (1 for TETRA / 1 for MOTOTRBO™)
- 2 loudspeakers
- Power supply 98V AC to 254V AC
- Maximum power input 68 W, idle 35 W
- Temperature range: operation 0° to + 40°C, non-condensing
- Packaging: powder coated steel plate, black
- Mounting: 19" rack mounting or as a desktop model
- Dimensions: 580 mm long, 483 mm wide, 133 mm high (3HE)
- Weight: approx. 17.5 kg incl. 2 radio sets

### Required components

(not supplied):

- Mobile TETRA-radio set, e.g. Motorola MTM5400
- Mobile DMR-radio set, e.g. Motorola DM4601
- Aerials

