

Introduction

The BISS Tech Product Application Documents have been written specially for our dealers and end-user customers to assist with understanding the multitude of applications for BISS Tech' wide range of Radio Communications Management products.

These documents have been produced to provide information on specific products and market segments in which they are being utilised. This provides an easy and quick reference for readers.

All products are manufactured and supported by an exceptional team of software and hardware engineers dedicated to achieving excellence in product design and technology.

Radio Communications Management

BISS Tech is proud to present its comprehensive range of Radio Management products backed by over 20 years of industry experience. The popularity of these products has enabled BISS Tech to remain a leader in this dynamic field. Products in this section include the BISS Tech range of Handset and Console Systems, Communication Interfaces, Audio Bridges and the 950 Radio Management System.

The DX-64

A recent addition to BISS Tech range of products is the DX-64 Radio management System. The DX-64 is capable of control of 56 radio channels with up to 32 operators. It can be used with a PC or non-computer interface. Channel linking for up to 8 separate groups is provided with each operator controlling up to 8 workgroups. Full Selcal on all channels and Rapid Recall logging are standard features of the DX-64, as are features such as 'Hot Swap' where cards and units can be inserted and removed without disconnection from the power source and 'Hot Standby' operation through a Master/Slave arrangement and 'Heartbeat' function.

Product & System Design Services

Have you ever had an idea that required an electronic solution? Many years of experience, combined with engineering innovation, have enabled BISS Tech to transform ideas into products now distributed throughout Australia and the world. The strength of an idea and specific marketplace knowledge, amalgamated with our comprehensive engineering expertise, has proved to be an impressive combination in producing world class solutions.

Radio Communications Management

Remember the days when an operator had a host of fist-microphones to choose from when responding to a call, and recall when you had just finished installing that base radio and they decided it needed to be elsewhere in the building? Your only option was to move it because of the cost implications of buying another radio. Upgrading used to mean that you had to throw out old equipment and start again. Well, BISS Tech can help you say goodbye to those days forever and we offer you the following benefits when you buy our products.

- No more unsightly base radios in the office. BISS Tech products are both modern and aesthetically pleasing.
- No need for duplication of base radios for added operators. Multiple operators only need one base radio that is interfaced to multiple handsets and/or consoles.
- No need to be concerned about costly upgrades. BISS Tech' products are easily upgraded and in most cases, an upgrade is simply an extension of the older system.

Where would these Products be used?

Put simply, any application where communications operators are required to monitor communications channels. BISS Tech Range of Communications Management products will allow single and multiple operators to access single and multiple communication channels comprising of base stations, 2-wire landline and 4-wire, E&M (microwave) circuits.

Upgrade Paths

BISS Tech radio communications products offer an easy to manage upgrade path that caters for the expanding network operator and his changing requirements, providing a cost effective solution for you when your business expands.

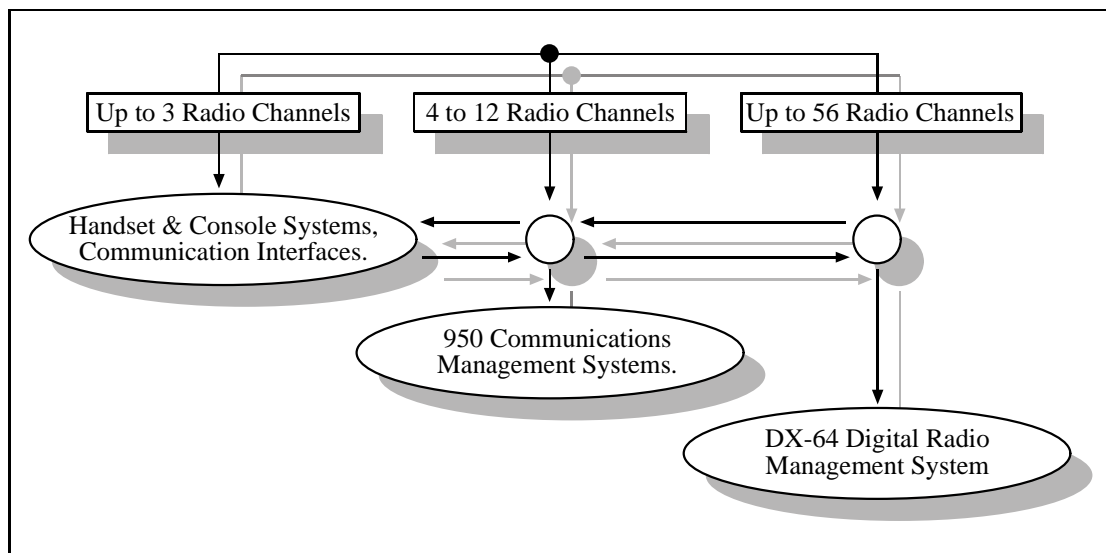


Figure 1: Upgrade Paths

The diagram in figure 1 maps an upgrade path that exists within the BISS Tech product range. Larger radio management systems can make use of modules previously utilised in smaller systems therefore providing a cost-effective solution for you when your business expands. BISS Tech products grow with you.

Where to from here?

There are three different variations within the BISS Tech Radio Communications Management product range, with the key definition being on the number of radio channels to be monitored and the number of operators requiring access to the monitored channels.

- BISS Tech Range of Handset and Console Systems
Up to 3 Radio Channels to be monitored by an operator or multiple operators
 - BISS Tech 950 Communications Management Systems
4 to 12 Radio Channels to be monitored by an operator or multiple operators
 - BISS Tech DX-64 Radio Management System
Up to 56 Radio Channels to be monitored by an operator or multiple operators
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