

# GICI over Ethernet

## DESCRIPTION



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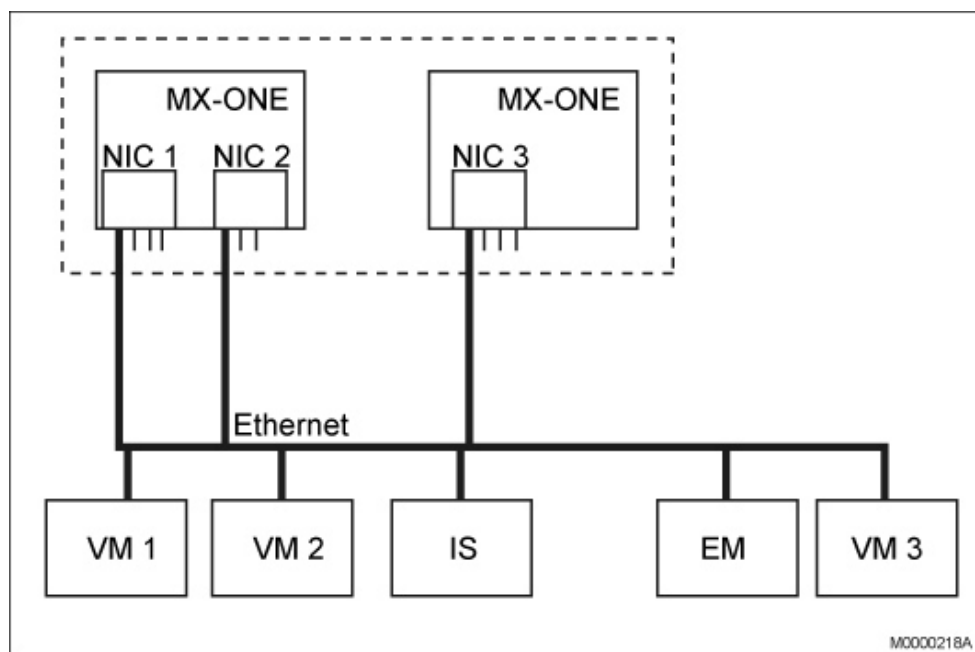
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## 1

## GENERAL

With the General Information Computer Interface over Ethernet (GICI-E) facility, the GICI applications (VM, EM and IS) can communicate with their respective application computers through the Ethernet port (NIC).

Through the Ethernet, GICI applications like EM, IS, and VM can communicate with their respective servers using higher Ethernet bandwidth. Figure 1 Ethernet connections between GICI applications on page 3 illustrates this facility:



**Figure 1: Ethernet connections between GICI applications**

In this example, VM 1, VM 2, VM 3, IS, and EM are different GICI application servers. VM 1 and IS are serving GICI application clients through the Ethernet port of NIC 1.

VM 2 is serving a voice mail client through NIC 3. EM is connected through a port of NIC 1, while VM 3 is connected through a port of NIC 2 in LIM 1.

## 1.1

## GLOSSARY

For a complete list of abbreviations and glossary, see the description for *ACRONYMS, ABBREVIATIONS AND GLOSSARY*.

## 2 FACILITIES

The facility can be ordered separately and can be installed without interrupting the operation of the system.

### 2.1 GENERAL INFORMATION COMPUTER INTERFACE OVER ETHERNET

With this facility, the information systems like EM, VM, and IS can communicate with their respective servers using the Ethernet port , using TCP/IP protocol suite. This facility can be used along with other information system interfaces through a port .

### 2.2 CAPACITY

- A maximum of 16 GICI applications can be initiated per Ethernet port.
- A maximum of 16 GICI applications can be initiated per system.
- A GICI application can use only one Ethernet network.

## 3 HARDWARE

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## 4 SUMMARY

The GICI-E facility provides TCP/IP communication for VM, EM, and IS through Ethernet ports.