

# Connecting Jobs from the Same or Different Networks

This subsection covers the following topics:

- Accessing the Function
- Field Descriptions: Job Connection

## Accessing the Function

You can connect two jobs within the same or different networks without defining logical conditions for them by using the **Entire Operations** default condition.

### ▶ To do this

- Press PF2 (Connect) in the Job Dependencies window of the job you wish to connect.
- A window opens in which you can define a job which must precede the selected job:

```

15.11.01          *** Entire Operations 4.1.1 ***          15:35:41
Owner SN          Job Maintenance          Network BIG-1
+-----+-----+-----+-----+
!               Predecessors          Job Dependencies          Successors          !
! -----+-----+-----+-----+ !
! M Network      Job                Output Condition          !
!   Input Condition          Network      Job                M !
! _ BIG-1        JOB-012          => E60-J013-O          !
!   E60-J012-O          =>          BIG-1        JOB-014          _ !
! _ BI +-----+-----+-----+ !
!   E !                                     !           _ !
! _      !                               Job Connection          !           !
! _      !                               !           _ !
! _      !   from Owner: SN_____   to Owner: SN          !           !
! _      !   Network: BIG-1_____   Network: BIG-1          !           _ !
! _      !   Job: _____          Job: JOB-013          !           !
! _      !                               !           _ !*
! ---- !   PF3 End                                     !-----+ !
! X Ch +-----+-----+-----+ect          !
! Enter---PF1---PF2---PF3---PF5---PF7---PF8--- !
E !           Help Connect End          Save          Up          Down          !-
+-----+-----+-----+-----+

```

The identifiers of the selected job appear in the protected fields on the right in the window.

## Field Descriptions: Job Connection

The input fields in the window on the left have the following meaning:

Field	Description
from/ Owner	Enter owner of job to run as predecessor.
from/ Network	Enter network name of job to run as predecessor.
from/ Job	Enter name of job to run as predecessor.

**Entire Operations** automatically provides the default condition Job OK to link the two jobs. If the job defined as predecessor terminates NOT OK, the selected job cannot be submitted and **Entire Operations** issues a message with the pending condition.

This function is also useful to link jobs across networks. In this case, you should check the input condition reference of the successor job. Use a reference different from RUN.

**Note:**

After connecting jobs within a network, a loop check is performed for the affected network. The same conditions apply as described in the subsection Checking for a Loop in a Job Network in the section Network Maintenance, with one exception: if a loop is detected in the job flow, no corresponding message appears.