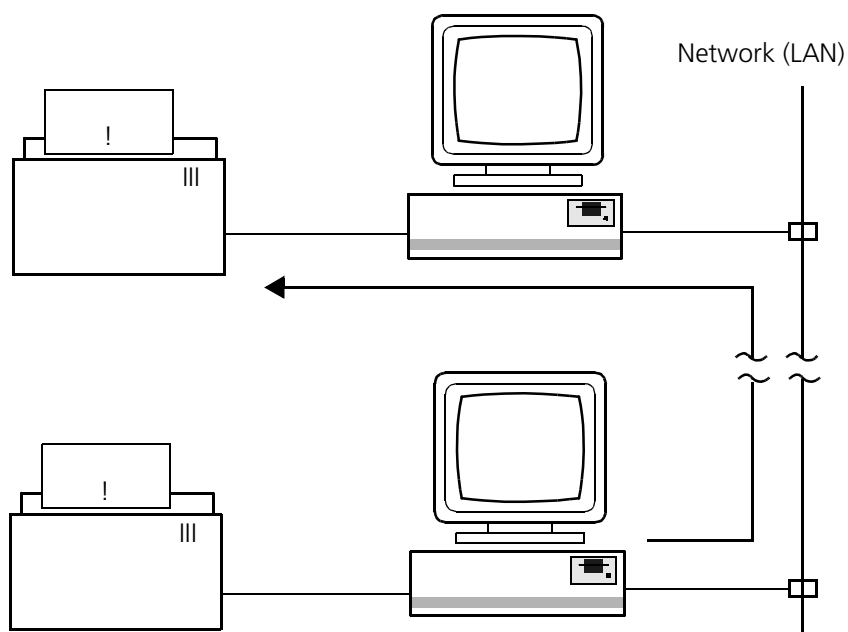


UMESS

Option 14 Plotting and Printing in a Network for UNIX and LINUX



Operating Instructions



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Dokument type: . . . Operating Instructions
Version:8.x
Date:11/01
Order Number:61212-1150102

Preface

These operating instructions describe the function and operation of the **UMESS Option 14** measuring program.

It is here assumed that the user is familiar with the coordinate measuring machine and the **UMESS** basic software. Please keep all printed materials delivered with the measuring machine ready to hand at all times.

All rights pertaining to changes in the measuring machine version, scope of delivery, the software packages and the pertaining documentation reserved.

Principles in this operating manual

Before starting to work with this manual, the user has to familiarize himself with the applied principles.

In the following, you will find information on the used font types, signs and symbols.

Typographic principles

The font types and font schemes used in this manual have the following meaning:

- **bold face**
 - Dialog element on the screen
Example: "... the button **<TERMIN>**"
 - Term
Example: "During calculation, the location of a **measuring element** in relation to a **reference element** is determined."
 - File and directory names
Example: **/home/zeiss/...**
- *italic*
 - Highlighted text of which the contents are very important
Example: "Click with the *right* mouse button ..."
- **Courier bold face**
Text in dialog windows and records

Signs and symbols

Special signs and symbols are used in this manual.

Symbols for warnings and information



Danger!

In this case, special care is called for. The warning triangle indicates risk of injury. Non-observance of this warning may cause personal injury.



Caution!

This symbol warns against situations which may lead to loss of data, measuring errors, errors in the measuring run, collisions or damage to the machine and workpiece.



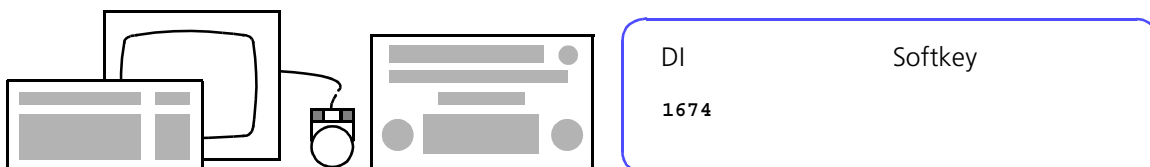
The **Note** symbol is shown next to important text and helpful additional information.

Symbol for function call

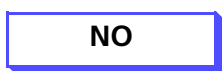
There are several possibilities:

- Direct input by means of the DI number
- Selection of function by way of a softkey

Example:



Symbol for softkey



Reference to softkeys in dialogs.

Overview of chapters

This manual describes the function, operation and application possibilities of the Option 14 Plotting and Printing in a Network program.

The following subjects are described:

► *chapter 1 "Plotting and Printing in a Network" on page 1-1 <Default Pa>*

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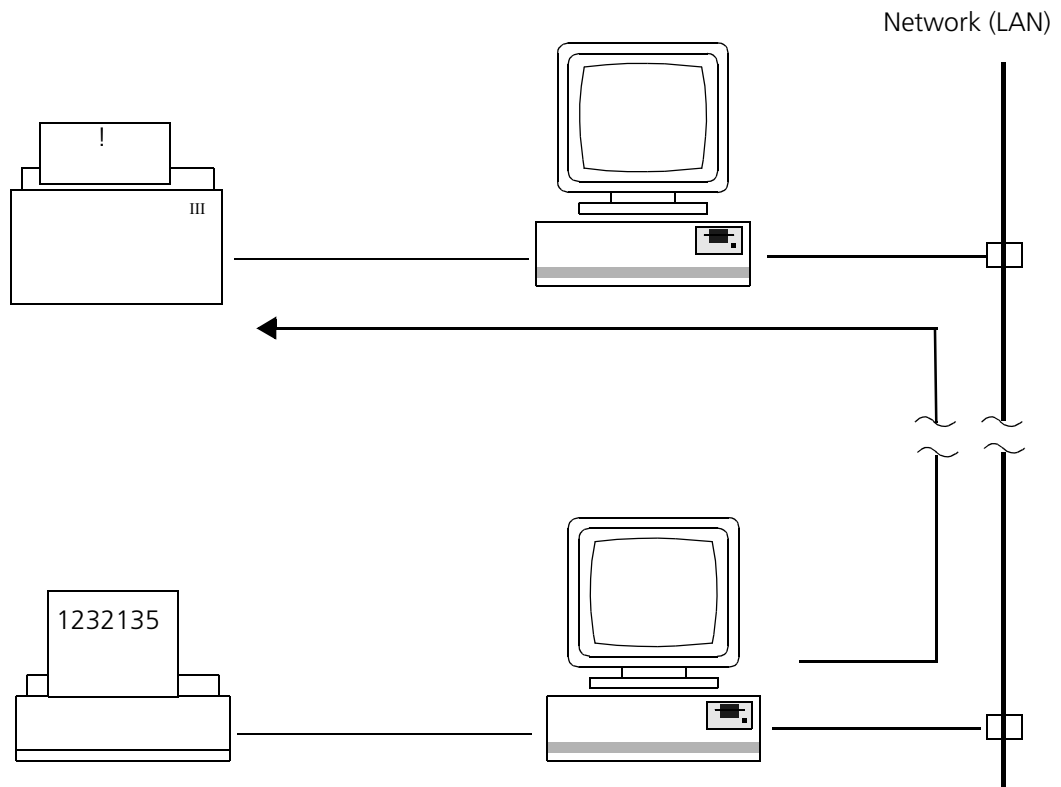
Chapter



Plotting and Printing in a Network

UMESS Option 14 (<DI 1674>)

If computers are networked, it is possible to share offline printers.



Operating modes possible

Unspooled mode

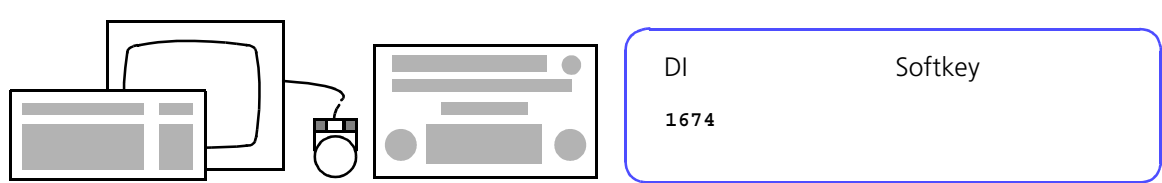
A printer is used by only one computer.

Spooled mode

An offline printer is used by several computers via the network. The print jobs are buffered in a queue and processed by the printer in the order they arrive.

If several printers can be accessed within a network, you can change between these by entering <DI 1674>.

Function call



Input mask

Printer device administration

Active

Device

*

>/dev/rlp

,PCL

,

,

Matrixdrucker Standard direkter Anschluss

:lp

-onb

-s

,PCL

,

,

Matrixdrucker Standard gespoolt

:lp

-onb

-s

,PCL

,

laser3.ini

,

,

Laserjet Standard gespoolt

:lp

-onb

-s

-drlp

,PCL

,

,

Matrixdrucker gespoolt

:lp

-onb

-s

-drlp

,PCL

,

laser3.ini

,

,

Laserjet gespoolt

* YES

NO

BACK

*

TERMIN

INFO

Input fields

Active

YES

Selection of one or several device(s) and marked with **"*"**.

NO

To skip or delete a device.

TERMIN

The selection made can be stored as longterm file by confirming with **<TERMIN>**.

NOTE

The individual printers are activated by a device file. Each entry contains the following information: Device, graphics option (HPGL, PCL), initialization file (where necessary), header file (where available), comment (type of printer, mode of operation).

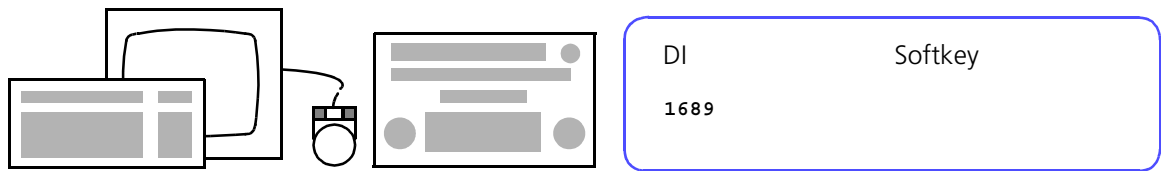
A basic file is supplied with the installation of the software. Changes can only be made by the system administrator.

Print density and size can only be changed via an initialization file.

In the device file, a device must be entered and activated with the initialization required.

With the spool mode, printing starts by cancelling the connection to the printer (e.g. switchover to screen) or after other selectable criteria via **<DI 1689>**.

Function call



Input mask

Status with spooled printers

Output:

to 0 page(s)

with record head

with CNC start

with CNC end

with device change

Header information

Text for header information

* YES	NO			*				TERMIN
BACK								INFO

NOTE

When printing single pages it is recommended to output header information (sender) in the record as well.

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