

## Chapter 04 - Setup

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### Setup

Copy file METALINK\_SETUP\_r91.EXE from CD to C: root

1. Start METALINK\_SETUP\_r91.EXE

Answer a few simple questions. Wait for a moment, basic installation is finished.

#### Remarks:

SETUP program allows you to install application , exchange and database on other disks and other folders. See Registry later.

#### Executable

Step 1.

- 1.1 Copy file METALINK\_XXX\_r93.EXE from Installation CD to your PC,
- 1.2 Start programme from somewhere
- 1.3 Programme will self extract to C:\METALINE\RUN
  
- 1.4 Copy file METALINK-Menu\_XXX\_r93.EXE from Installation CD to your PC
- 1.5 Start programme from somewhere
- 1.6 Programme will self extract to C:\METALINE\RUN

Step 2. Copy Licence file from CD to C:\METALINE\APPL

Step 3. Power on Fiscal printer FP-XXX

Step 4. Start METALINK\_XXX.EXE

where XXX is 3 letter (SRB, MNE, BLG, MKD) Country Code.

MetaLINK appears in SysTray as CAPITAL RED letter **L**.

If Fiscal Printer IS CONNECTED to COM Port different then COM1

in C:\METALINE\APPL\LINK.INI change  
FP-ComPort=COM1 to FP-ComPort=COM2

#### Remarks:

If you install FP-XXX over USB – RS232 adapter,  
it is not so easy to establish on which ComPort is FP-XXX connected.

Use freeware programme FPXXX-Check to find out on which ComPort is FP-XXX  
»connected«.

Also download from our web site:  
driver for selected USB – RS232 adapter, or USB-USB cable

## Folders

## Folder structure

Basic installation on C:\METALINE will create the following structure:

In SETUP program you can change path to application structure.

C:\METALINE

C:\METALINE \Appl

## Licence files and INI files

Remarks:

Although default values are set to the most common values,

WE RECOMMEND to check once again all settings in .INI files.

C:\METALINE \Database

Database MetaLINK9.MLF

## Remarks:

We recommend that from time to time (at least once a week) you do Backup with checked Optimize button.

Also after you make a backup, put backed-up files on flash, CD outside retail store.

C:\METALINE \Exch

## Folders for exchange

C:\METALINE \Exch\Lnk\From\_FP

data sends from FP-XXX

C:\METALINE \Exch\Lnk\To\_FP

data sends to FP-XXX

Every programme knows exactly in which folder to expect data.

In SETUP program you can change path to "exch" folder structure.

## Remarks:

In folders you can find also a temporary data which are used by MetaLINE programmes for internal interchange and «FINAL» data as output from MetaLINK programme.

C:\METALINE \Logs

Logs, Journals,      FP-XXX\_log.txt

## Remarks:

In this folder you can find «Answers, Responses» from Fiscal printer if it failed to «execute» some commands.

FP-XXX\_log.txt is a log of commands which FP-XXX failed to execute.

LINK\_log.txt is a log files and/or commands which MetaLINK failed to execute.

C:\METALINE \Other

different scripts

## Remarks:

In this folder you can find CLEAR DB which are currently in folder /Database..

C:\METALINE \RUN

executables and RunTime library

M.R.S. - MetaLINE RETAIL Solutions programmes use:

RDBMS FireBird ODS 11.2 (freeware) and  
Embarcadero (C++ Builder Enterprise XE2 - 2012) rapid development tools.

C:\METALINE \Utility                      Utility (Acrobat Reader, ZIP)

Remarks:  
Some of them are freeware, some are shareware and some are licensed.  
You decide which of them you need.

## Registry

MetaLINE RETAIL Solutions use O.S. registry database:

HKEY\_LOCAL\_MACHINE\SOFTWARE\Metadata\MetaLINK9:

Appl\_Root:                      C:\METALINE  
DB\_Fullname:                  C:\METALINE\Database\MetaLINK9.MLF  
Exchange\_Root:                C:\METALINE

Remarks:  
Appl\_Root, Exchange\_Root can be on different drive – folder

## Link.ini

[Basic]

# PC as POS unique ID  
TerminalId=001

# Format you want data to be exported  
ExportFormat=TXT (DBF,TXT,CSV, XML)

# Character set you send  
CharSet=NONE (WIN1250, WIN1251, WIN1252)

# Message will be in language BLG, SRB, ENG, MKD, HUN:  
MessageLanguage=SRB

# Allowed (default) differences between PC time and FP-XXX time (in minutes).  
TimeAlertInterval=30

# FP-XXX is connected to Serial Port (default)  
FP-ComPort=COM1

# Impuls to open cashdrawer in msec.  
CashdrawerImpulsTime =10

# Send Export Data Yes / No  
SendExportData =N

## VERSION.INI

```
[Versions]  
MetaLINK_SRB_PRG=9.3  
MetaLINK_SRB_FDB=900
```

When programme MetaLINK starts, it updates VERSION.INI file with current version of programme and database. Your programme can use this information.

Parameter description:

Terminald=001

Make sure that each POS has unique number within retail store.

DbPath=C:\MetaLINE\Database\MetaLINK9.MLF

Do not change

ExportFormat=TXT (DBF,TXT,CSV, XML)

CharSet=NONE (WIN1250, WIN1251, WIN1252)

TimeAlertInterval=30

**FP-ComPort=COM1**

Available values are: COM1, COM2, COM3, COM4, COM5, COM6, COM7, COM8.  
Use our freeware programme FPcomPort to find out COM Port on which FP-XXX is connected.

**CashdrawerImpulsTime =10**

Impuls to open cashdrawer in msec.

**SendExportData =N**

Send Export Data Yes / No

## Licensing

Licenses give you a right to use executable version of programmes.

Licence is "linked" for FMIN - Fiscal Module Id Number, and Owners VAT Number.

Sample 1 - SRB: AG012340\_123456789.lic Is license for  
FMIN: **AG012340** and owners VAT number: **123456789**.

Sample 2 - BLG: DT012340\_123456789.lic Is license for  
FMIN: **DT012340** and owners VAT number: **123456789**.

### Remarks:

We need Diagnostic report to give you a correct license file.

Hold RECEIPT button than press power on, the printer will print DIAGNOSTIC.

Programme MetaLINK, from M.R.S. - MetaLINE RETAIL Solutions series:

are developed by METADATA d.o.o. ( [metalink@metadata.rs](mailto:metalink@metadata.rs) )

Test Licence (000000000)

is license for nonfiscalized FP-XXX (VAT=000000000)  
with limited duration of 360 days for testing purposes.

### Limited Licence (L)

is REAL Licence for fiscalized FP-XXX,  
but limited on 30 days.

### Final Licence (F)

is REAL Licence for fiscalized FP-XXX,  
and it is valid until year 2020.

### Firmware – SRB - Serbia

Ver. 1.22 SR	09-11-2003 12:30,	checksum: BB78	<b>not supported !!!</b>
Ver. 1.50 SR	26-07-2004 10:00,	checksum: BA46	
Ver. 2.00 SR	21-05-2008 13:30,	checksum: AC2A	

### Firmware – MNE - Montenegro

Ver. 2.10 CG	10-04-2005 10:30,	checksum: 35C2
Ver. 3.01 CG	11-06-2009 15:30,	checksum: 91F7

### Firmware BLG - Bulgaria

Ver. 5.01 BG	24-02-2011 11:00,	checksum: BB40	*** with GPRS ***
Ver. 5.01 BG	08-11-2011 11:00,	checksum: BB40	*** with GPRS ***
Ver. 1.00 BG	11-04-2011 15:30	checksum: 0744	*** with integ.GPRS

### Firmware – MKD - Macedonia

for updated list of supported FP and FW see [MetaLINK-INFO.pdf](#)