

**Dear Developers,**

We wish to thank all of you, for choosing and using our product within your retail solution.

We all know that POS software is mission critical part of solution, and when program doesn't work for few minutes it is "catastrophic".

Therefore a "complete solution" for retail (POS + MetaLINK) must be at least very reliable.

**MetaLINK versions**

**Generation 1** version v5.2, jan 2001 - maj 2005  
works on Windows 98SE, Windows NT.

**Generation 2** version v7.4, maj 2005 - okt 2009  
works on Windows XP, Windows Vista

**Generation 3** version r.9.3, okt 2009 - okt 2015,  
works on Windows embedded POS ready,  
Windows XP / 7 / 8 / 10, 64-bit O.S. / 64-bit HW,  
**Linux/Ubuntu 14.04.2 + Wine 1.6.2**  
**Linux + VMWare Player 7.1**

Developing SW for SEE countries means using alphabets: cyrillic + latinic (SRB), cyrillic (MKD), latinic (MNE), latinic (Srpska), cyrillic (BLG) etc.

What can we expect in year or two. ?

**Recommendation:**

Developers, usually works with first version with which they started. ("it works, do not change !")

MetaLINK is currently in use in 5 countries SEE, 1 in Africa with **15** different FP, and **26** different FW with **520+** developers, and with **15.750+** enduser.

our recommendation:

**use MetaLINK r9.3.200**

**Certified distributor and service organization**

Metadata is certified distributor and service organization (fiskalizacija, maintenance in warranty and out of warranty period) in Serbia for Fiscal printers:

**AG-FP550 (Galeb Group), SG-FP600 (Int Raster),**

**AJ-GP550 (Galeb Group), LK-TM260F (Shollex),**

[www.metadata.rs/metalink](http://www.metadata.rs/metalink)

Last updated: 2015-09-24, **r484**, /215/prod-mktg

**Poštovani Developeri,**

Ovom prilikom želimo da zahvalimo svima, što koristite naš proizvod u okviru Vašeg RETAIL rešenja.

Svi znamo da je POS - kasa, blagajna veoma osetljiv segment poslovanja, gde i kada program ne radi par minuta, to je skoro „smak sveta“.

Zato „kompletno rešenje“ za maloprodaju (POS + MetaLINK) mora biti prvenstveno izuzetno pouzdano.

**MetaLINK verzije**

**Generacija 1** verzija v5.2, jan. 2001. - maj 2005  
radi na Windows 98 SE, Windows NT.

**Generacija 2** verzija v7.4, maj 2005 - okt. 2009  
radi i na Windows XP, Windows Vista.

**Generacija 3** verzija r.9.3, okt. 2009 - okt 2015  
radi i na Windows embedded POS ready,  
Windows XP / 7 / 8 / 10, 64-bit O.S. / 64-bit HW  
**Linux/Ubuntu 14.04.2 + Wine 1.6.2**  
**Linux + VMWare Player 7.1**

Razvijati SW za zemlje u JIE (Jugoistočne Europe) znači koristiti: ćirilicu i latinicu (SRB), ćirilicu (MKD), latinicu (MNE), latinicu (Srpska), ćirilicu (BLG) itd.

Šta možemo da očekujemo za godinu dve.?

**Preporuka:**

Developeri obično koriste prvu verziju sa kojom su počeli. („dok radi, ne menjaj !“)

MetaLINK se trenutno koristi u 5 zemalja SEE, i 1 u Africi sa **15** različitih FP, sa **26** različitih FW, sa **520+** developer-a i sa **15.750+** instalacija KK,

naša preporuka:

**koristite MetaLINK r9.3.200**

**Ovlašćeni distributer i servis**

Metadata je ovlašćeni distributer i ovlašćeni servis (fiskalizacija, održavanje u garantnom i vangarantnom roku) u Srbiji za Fiskalne printere:

**AG-FP550 (Galeb Group), SG-FP600 (Int Raster),**

**AJ-GP550 (Galeb Group), LK-TM260F (Shollex),**

[www.metadata.rs/metalink](http://www.metadata.rs/metalink)

### Main features of MetaLINK r9.3

- ✧ Fiscal receipt will be always printed as whole, or will be voided as a whole.
- ✧ You will never get, partial fiscal receipt.
- ✧ In a case of less payed a receipt we will automatically pay the rest (in cash).
- ✧ Automatic synchronization of data in FP database and MetaLINK DB, (without user intervention).
- ✧ Internal check of validity of PLU description (up to 32 ch) using internal algorithm.
- ✧ Program run 25% faster as before.
- ✧ Automatic detection end-of-paper (customer or journal) and sending a message to the developer and screen message to cashier.
- ✧ Automatic detection of lack of communication (power supply, AC/DC, ) program will shutdown immediately. Program send a message to developer.
- ✧ Automatic detection of presence of customer display, because printing of fiscal receipt is not allowed if customer display is not connected. Remarks: X-report and Z-report is available, also without customer display.
- ✧ Fiscal receipt will be printed in cases: up to 2 shutdown by force FP (in a printing mode), and up to 2 shutdown of PC (in a printing mode).
- ✧ Support 11 different FP in 5 countries in SEE, with unique developers interface.
- ✧ Support (accept) 4 different data formats (CSV, DBF, TXT, XML) and return data also in those 4 formats.
- ✧ Application, exchange folder and DB can be in 3 different folders, disks.
- ✧ Possible sale of same SKU within a same fiscal receipt using 2 or more different prices.
- ✧ Flexible payments, more different credit/debit cards, more different bank cheques, more cash.
- ✧ Messages in 5 languages: Serbian, English, Bulgarian, Macedonian, Hungarian

### Glavne karakteristike MetaLINK r9.3

- ✧ Fiskal isečak će se odštampati uvek u celosti, ili će biti u celosti storniran
- ✧ Nikad neće izaći delimičan fiskalni isečak
- ✧ U slučaju manje plaćenog računa automatski će platiti račun do potrebnog iznosa (u gotovini).
- ✧ Automatska sinhronizacija podataka u bazi FP i bazi MetaLINK-a, (bez uključenja korisnika)
- ✧ Interna provera jedinstvenosti PLU naziva (na 32 karaktera) prema internom algoritmu.
- ✧ Rad programa je ubrzan za oko 25%.
- ✧ Automatska detekcija kraja papira (isečak za kupca i journal traka) i slanja poruke i krajnjem korisniku i developeru
- ✧ Automatska detekcija prekida komunikacije (usled nestanak struje, prekida u napajanju i sl.) program će se sam ugasi. Šalje poruku developeru.
- ✧ Automatska detekcija prisustva display za kupca, jer fiskalne isečke nije moguće štampati ako display za kupca nije pravilno priključen. Napomena: štampa preseka stanja i dnevnog i periodičnog izveštaja je moguća bez prisustva display-a.
- ✧ Fiskalni isečak će biti odštampan i u slučajevima: do dva nasilna ili slučajna gašenja FP u toku štampe isečka i do dva nasilna gašenja PC računara.
- ✧ Podržava rad 11 različitih FP u 5 zemalja jugoistočne Evrope, kroz jedinstveni interface.
- ✧ Podržava (prihvata) 4 formata podataka (CSV, DBF, TXT, XML) a takođe i povratno vraća podatke u 4 formata.
- ✧ Aplikacija, exchange folder i DB mogu biti u tri različita foldera, diska.
- ✧ Moguća prodaja istog artikla u istom fiskalnom isečku po više različitih cena.
- ✧ Fleksibilno plaćanje, više različitih credit/debit kartica, više raznih čekova banaka, više gotovine.
- ✧ Poruke na 5 jezika: srpski, engleski, bugarski, makedonski, mađarski



## MetaLINK Active Version:

The following MetaLINK version are supported:

Podržani su sledeći modeli Fiskalnih Printera:

### Country: SRB - SERBIA

Country	Manufacturer FP model baud rate	Setup version	MetaLINK version	MetaLINK MENU version	last changed	Firmware version, date, checksum
	Model (8)					Firmware (13)
<b>SRB</b>  <b>Serbia</b>	GALEB GROUP AG-FP550 (19.200 b/s)	<b>SETUP</b> gen-3  r.9.3	( AG ) FP550 r.9.3.200	<b>MENU_SRB</b>  r.9.3.200	2014-10-29	<b>1.22 SR NOT SUPPORTED !!!</b> 1.50 SR 26JUL2004 10:00, BA46 2.00 SR 21MAY2008 13:30, AC2A
	INT RASTER SG-FP600 (57.600 b/s)		( SG ) FP600 r.9.3.200		2015-04-28	1.00 SR 25JUN2012 15:00, 1538 1.10 SR 19DEC2014 10:00, F8EA
	INT RASTER SJ-FP550+ (19.200 b/s)		( SJ ) FP550+ r.9.3.200		2015-09-22	(1.50 SR 26JUL2004 10:00, BA46)* 2.00SR 19MAY2015, 14:00 87A3
	GALEB GROUP AJ-GP550 (19.200 b/s)		( AJ ) GP550 r.9.3.200		2014-10-29	2.76 SR 21MAY2008 13:30, AC2A 3.52 SR 20FEB2013 10:00, 8A33 3.84 SR 20FEB2013 10:00, 8A33 4.22 SR 20FEB2013 10:00, 8A33
	GALEB GROUP AI-GP100 (9.600 b/s)		( AI ) GP100 r.9.3.200		2014-10-29	4.32 SR 20FEB2013 10:00, 8A33
	GALEB GROUP AK-GP350 (9.600 b/s)		( AK ) GP100 r.9.3.200		2014-11-12	4.52 SR 20FEB2013 10:00, 8A33
	SHOLLEX LK-TM260 F (38.400 b/s)		( LK ) TM260 r.9.3.200		2014-10-29	3.00 SR 01JUL2011 12:00, 0000
	GENEKO ZI-FP200 (57.600 b/s)		( ZI ) FP200 r.9.3.200		2014-10-29	1.00 SR 11APR2012 17:24, 0000

#### Total Serbia:

	Total Model (8)					Total Firmware (13)
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MetaLINK  
"Connect your POS software to fiscal printer in SEE"

**Countries Europe: MNE - Montenegro, MKD - Macedonia, BGR - Bulgaria,**

Country	Manufacturer FP model baud rate	Setup version	MetaLINK version	MetaLINK MENU version	last changed	Firmware version, date, checksum
	<b>Model (3)</b>					<b>Firmware (4)</b>
<b>MNE</b> <b>Montenegro</b>	VG GROUP VG-FP550 <b>(19.200 b/s)</b>	SETUP gen-3 <b>r.9.3</b>	( VG ) FP550 <b>r.9.3</b>	MENU_MNE  <b>r.9.3</b>	2014-10-29	2.10 CG 10APR2005 10:30, 35C2 3.01 CG 11JUN2009 15:30, 91F7
	VG GROUP VG-FP1000 <b>(115.200 b/s)</b>		( VG ) FP1000 <b>r.9.3</b>		2014-10-29	1.00 CG 02NOV2011 15:30, 2642
	VG GROUP VG-FP700 <b>(115.200 b/s)</b>		( VG ) FP700 <b>r.9.3</b>		2015-05-20	1.00 CG 12MAY2015 12:30, 674C
	<b>Models (1)</b>					<b>Firmware (3)</b>
<b>MKD</b> <b>Macedonia</b>	ACCENT AC-PF550 <b>(19.200 b/s)</b>	SETUP gen-3 <b>r.9.3</b>	( AC ) PF550 <b>r.9.3</b>	MENU_MKD  <b>r.9.3</b>	2014-10-29	1.00 MK 23JUL2014 12:30, 21F5 1.01 MK 28OCT2014 09:30, 0B68 1.01 MK 28OCT2014 09:30, 3349
	<b>Model (2)</b>					<b>Firmware (5)</b>
<b>BGR</b> <b>Bulgaria</b>	DATECS FP550-05 DV <b>(19.200 b/s)</b>	SETUP  <b>r.8.1</b>	( DT ) FP550 v8.1	MENU_BLG v.81	2012-03-16	5.01 BG 24FEB2011 11:00, BB40 5.01 BG 08NOV2011 11:00, BB40
	DATECS FP550 KL <b>(115.200 b/s)</b>		( DT ) FP550KL v8.1		2011-09-30	1.00 BG 11APR2011 15:30, 0744 1.00 BG 22MAR2012 09:30, 0744 1.00 BG 16MAY2013 10:30, 0744

**Countries Africa: MLW - Malawi,**

	<b>Model (1)</b>					<b>Firmware (1)</b>
<b>MLW</b> <b>Malawi</b>	DATECS MW-FP700 <b>(115.200 b/s)</b>	SETUP gen-3 <b>r.9.3</b>	( MW ) FP700 <b>r.9.3</b>	MENU_MLW  <b>r.9.3</b>	2015-07-30	1.10MW 30JAN2014 10:30,6FFB,

**Total:**

	<b>Total Model (7)</b>					<b>Total Firmware (13)</b>
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We wil explain you firmware differences (for the same model) on your request.

Na vaš upit objasnićemo vam razlike između pojedinih verzija firmware (u štampaču)



## MetaLINK Archive Version:

The following MetaLINK version are still valid, but without further development and support.

Navedene verzije Programa su važeće, ali dalji razvoj i podrška nisu mogući.

Country	Manufacturer FP model baud rate	Install version	MetaLINK version	MetaLink MENU version	Final last changed	Firmware version, date, checksum
SRB Serbia	GALEB AG-FP550 <b>(19.200 b/s)</b>	Install gen-2	SRB v7.4	MENU_SRB v7.4	Final 2009-09-29	1.22 SR 09NOV2003 12:30, BB78 1.50 SR 26JUL2004 10:00, BA46 <b>2.00 SR NOT SUPPORTED !!!</b>
		Install gen-1	SRB v5.2	N/A	Final 2005-04-20	
MNE Montenegro	VG GROUP VG-FP550 <b>(19.200 b/s)</b>	Install gen-2	MNE v7.4	MENU_MNE v7.4	Final 2009-08-21	2.10 CG 10APR2005 10:30, 35C2 3.01 CG 11JUN2009 15:30, 91F7
MKD Macedonia	ACCENT AC-PF500 <b>(19.200 b/s)</b>	Install gen-2	MAK v7.4	N/A	Final 2014-10-15	2.10 MK 28JAN2013 15:30, DCA8 1.00 MK 23JUL2014 12:30, 21F5
Republic of Srpska	GALEB FP550 PLUS <b>(19.200 b/s)</b>	FisLINK v1.0			Final	

### Total archive:

	<b>Total Model (4)</b>					<b>Total Firmware (8)</b>
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We wil explain you firmware differences (for the same model) on your request.

Na vaš upit objasnićemo vam razlike između pojedinih verzija firmware (u štampaču)

**License types:**

type	Usage	IBFM (6 digit)	MFR model (2 letters)	VAT Number (9 digits)	Licence valid
A.	Test and Training	Real one	AG, SV, LK, AJ, ZI	<b>000000000</b>	YEAR
B.	Test and Training	<b>999999</b>	VG, DT,	<b>999999999</b>	YEAR
C.	OFFICIAL temporary	Real one	AC, KA	<b>100205629</b> real one	30 days
D.	OFFICIAL permanent	Real one	LK	<b>100205629</b> real one	Unlimited

A. **Non-fiscalized**  
(Customer VAT number is not registered in fiscal memory)

B. **Fiscalized for testing**  
Fiscalized for Testing and Training (has a Customer VAT number but dummy one, like "999999999" also IBFM (Fiscal Module ID) is also dummy one, like "999999").

C. **Fiscalized for operation**  
for regular usage (real Customer VAT number, real IBFM)

A. **Ne-fiskalizovan**  
(nije unet PIB korisnik-a u fiskalnu memoriju)

B. **Fiskalizovan na testni modul**  
fiskalizovan za potrebe obuke i testiranja (PIB je obično 999999999, a IBFM je obično 999999)

C. **Fiskalizovan za rad**  
za korišćenje u okviru maloprodaje (stvarni PIB i stvarni IBFM)

**How to request MetaLINK license ?**

You can request NEW 30-days and OLD permanent

1. "Send SMS" message on +381 (63) 209706

[www.metadata.rs/](http://www.metadata.rs/)

2. Fill in form "Licence Request"

[www.metadata.rs/MetaLINK](http://www.metadata.rs/MetaLINK)

services are available NON-STOP 24h x 7d

Licence are available, for download until end-of-next-year.

**How to download MetaLINK license ?**

[www.metadata.rs/](http://www.metadata.rs/)

than choose Country, FP model, ... Press Button

**Kako da zahtevate METALINK licencu ?**

Možete zahtevati NOVE 30-dnevne i STARE neograničene

1. "Pošalji SMS" poruku na +381 (63) 209706

[www.metadata.rs/](http://www.metadata.rs/)

2. "Popuni Zahtev" za licencom

[www.metadata.rs/METALINK](http://www.metadata.rs/METALINK)

usluge su raspoložive NON-STOP 24h x 7d

Licence su raspoložive, za preuzimanje do kraja sledeće-godine

**Kako da preuzmete METALINK licencu ?**

[www.metadata.rs/](http://www.metadata.rs/)

i izaberite zemlju, model FP, ... pritisni Trazi