

CRM

- NEW -
- FIX -
- DEPRECATED -
- UPDATE - /

v4.17.8.3 - 15.11.2022

- NEW ""
- UPDATE , 1
- FIX PUSH
- FIX

v4.17.7.3 - 25.09.2022

- NEW FoodSoul
- NEW IIKO, Webhook
- NEW
- NEW : Telegram, WhatsApp
- NEW
- NEW
- NEW IIKO Transport IIKO Delivery : 1
- NEW
- UPDATE
- UPDATE MobiZone
- UPDATE ,
- FIX
- FIX RKeeper
- FIX
- FIX

v4.17.7.2 - 11.09.2022

- NEW
- NEW - 7.6
- NEW 2 Telegram, , 7.6
- UPDATE
- UPDATE
- FIX CRM
- FIX , CRM
- FIX

v4.17.6.2 - 19.08.2022

- NEW
- NEW SMSC
- NEW WEBP
- NEW
- NEW Google Merchant
- UPDATE MobiDEL
- FIX IIKO
- FIX Android, ,
- FIX XML

v4.17.5.2 - 5.08.2022

- FIX Tinkoff

v4.17.5.1 - 27.07.2022

- NEW IIKO - seo
- NEW IIKO -
- NEW IIKO -

v4.17.4.1 - 25.06.2022

- NEW PUSH Huawei

v4.17.3.1 - 20.05.2022

- NEW Capusta.Space
- NEW ""
- UPDATE ApplePay
- FIX

v4.17.2.1 - 20.05.2022

- NEW ,
- NEW - ,
- UPDATE .
- UPDATE ,
- UPDATE ,
- UPDATE

v4.16.2.1 - 18.05.2022

- NEW , , (),

v4.15.2.1 - 26.04.2022

- NEW Huawei AppGallery
- NEW

v4.14.2.1 - 10.03.2022

- NEW iikoTransport
- NEW
- NEW

v4.13.2.1 - 21.02.2022

- NEW Push
- NEW Push

v4.13.1.1 - 09.02.2022

- NEW Callback Api **clientAuthorization**
- NEW User Api
- NEW
- UPDATE RKeeper
- UPDATE Poster
- UPDATE IIKO
- UPDATE SbisPresto
- UPDATE
- FIX
- FIX

v4.12.1.1 - 14.01.2022

- NEW IIKO,

v4.11.1.1 - 10.12.2021

- NEW ,

- **FIX**

v4.10.8.1 - 13.11.2021

- **NEW** - , IIKO
- **UPDATE** callback api

v4.10.7.1 - 8.11.2021

- **NEW**
- **NEW**

v4.10.6.1 - 3.11.2021

- **NEW** SEO
- **NEW** Comgate
- **NEW** LifePay
- **UPDATE** SEO 3 : , ,

v4.10.5.1 - 1.11.2021

- **NEW** , ,

v4.10.4.1 - 22.10.2021

- **NEW** - , ,
- **FIX** PayPal

v4.10.3.1 - 19.10.2021

- **NEW** -

v4.10.2.1 - 13.10.2021

- **NEW** Poster
- **UPDATE**
- **UPDATE** Facebook
- **FIX**
- **FIX**
- **FIX**
- **FIX** ,

v4.10.1.1 - 05.10.2021

- **NEW** PUSH
- **NEW** PUSH
- **NEW**
- **UPDATE** , , ,
- **FIX**
- **FIX**
- **FIX** ,

v4.9.38.1 - 21.09.2021

- **NEW** SMS Manager

v4.9.37.1 - 10.09.2021

- **NEW**
- **NEW**
- **FIX**

v4.9.27.1 - 24.08.2021

- **NEW**
- **NEW**
- **NEW** IIKO

- **FIX**

v4.9.26.1 - 19.08.2021

- **NEW** . 7.0,
- **NEW**
- **NEW** , 0
- **FIX**

v4.9.25.1 - 08.08.2021

- **UPDATE** ,

v4.9.24.1 - 02.08.2021

- **UPDATE** ,
- **DEPRECATED** ,
- **FIX**
- **FIX**

v4.9.23.1 - 23.07.2021

- **NEW**
- **NEW** Verbox, 7.0
- **UPDATE** IIKO, Poster
- **FIX**

v4.9.22.1 - 08.07.2021

- **NEW** ""
- **NEW** ""
- **NEW** ""

v4.9.21.1 - 02.07.2021

- **NEW** ,
- **NEW** ,

v4.9.20.1 - 29.06.2021

- **NEW** CRM
- **UPDATE** Robokassa
- **UPDATE** SbisPresto
- **FIX**

v4.9.19.5 - 26.05.2021

- **FIX**

v4.9.19.4 - 11.05.2021

- **NEW**
- **NEW** DeliveryClub .
- **FIX** ,

v4.9.18.4 - 08.05.2021

- **NEW** , , ,

v4.9.17.4 - 07.05.2021

- **NEW**
- **NEW**
- **FIX**
- **FIX**

v4.9.16.3 - 04.05.2021

- NEW Idram
- NEW Ameria Bank
- NEW ()
- NEW ,

v4.9.15.3 - 30.04.2021

- UPDATE FrontPad
- UPDATE
- FIX
- FIX

v4.9.14.3 - 28.04.2021

- NEW PUSH
- NEW
- FIX IIKO

v4.9.13.3 - 22.04.2021

- NEW " 100 "
- NEW

v4.9.12.3 - 19.04.2021

- NEW " "
- NEW " "
- NEW
- NEW
- NEW -
- NEW 1
- NEW

v4.9.11.3 - 13.04.2021

- NEW
- NEW
- NEW
- FIX

v4.9.10.3 - 02.04.2021

- NEW
- NEW
- NEW
- NEW " "
- NEW
- UPDATE
- FIX

v4.9.8.2 - 23.03.2021

- NEW Apple ID

v4.9.7.2 - 22.03.2021

- NEW iOS 11:00 19:00
- NEW
- UPDATE PUSH iOS Apple
- DEPRECATED PUSH iOS

v4.9.6.2 - 18.03.2021

- NEW

v4.9.5.2 - 16.03.2021

- NEW
- NEW
- NEW
- NEW
- NEW
- UPDATE
- FIX
- FIX

FS
FS
IIKO
IIKO
Poster
UCS

v4.9.4.2 - 14.03.2021

- FIX (, ,)

v4.9.4.1 - 26.02.2021

- NEW
- NEW

UCS

v4.9.3.1 - 11.02.2021

- NEW

SSL

v4.9.2.1 - 21.01.2021

- NEW
- NEW
- NEW
- NEW
- NEW
- NEW
- NEW
- NEW
- NEW
- NEW
- FIX

" " " "
IIKO
RabbitMQ IIKO
Frontpad
Frontpad
, ApplePay
Poster
Poster
Mobidel

v4.9.1.1 - 20.01.2021

- NEW
- NEW
- NEW
- NEW
- NEW
- NEW
- NEW
- NEW

QR

v4.9.0.1 - 06.01.2021

- NEW
- UPDATE

v4.8.9.4 - 19.12.2020

- NEW
- NEW
- NEW
- NEW
- UPDATE
- DEPRECATED
- DEPRECATED
- FIX

" " " "
,
" "
Apple Pay Google Pay , Apple Pay Google Pay
Apple Pay
Google Pay
root

v.4.8.8.4 - 07.12.2020

- NEW : User-Agent

v.4.8.8.3 - 21.11.2020

- NEW
 - NEW
 - NEW
 - NEW
 - FIX
- "ID ",
 FrontPad WebHook
 MobiDel WebHook
 Atol

v.4.8.7.2 - 13.11.2020

- NEW
 - NEW
 - NEW
 - NEW
 - NEW
 - NEW
 - UPDATE
 - FIX
 - FIX
 - FIX
 - FIX
 - FIX
 - FIX
- ArtPay
 " "
 telegram ,
 telegram ,
 CloudPayments
 Mobidel
 , ()

v.4.8.5.1 - 20.10.2020

- NEW
 - NEW
 - NEW
 - UPDATE
 - UPDATE
 - FIX
 - FIX
 - FIX
- . API
 Mobidel
 MobiCash
 PayMaster
 FrontPad, 1
 Idealist,
 Poster,

v.4.8.4.1 - 17.10.2020

- NEW
 - NEW
 - NEW
 - NEW
- (>= 5.4)
 (>= 5.4)
 (>= 5.4)
 (>= 5.4)

v.4.8.3.1 - 16.10.2020

- NEW

v.4.8.2.1 - 09.10.2020

- NEW
 - NEW
- Mobizon

v.4.8.1.0 - 29.09.2020

- NEW
 - NEW
 - NEW
 - NEW
 - FIX
- :/
 :/
 :/
 ,

v.4.8.0.0 - 22.09.2020

- NEW
 - NEW
- PUSH !

- **FIX**

v.4.7.8.5 - 03.09.2020

- **NEW** , , 5.2
- **NEW** 5.2
- **NEW**
- **NEW**
- **NEW** , , ,
- **NEW** " "
- **NEW** -

v.4.7.7.5 - 27.08.2020

- **NEW**
- **NEW** **HTML**
- **NEW** , 4 5
- **NEW** () Seo
- **NEW** Seo Seo - , , , ,
- **NEW** **seo** , seo
- **NEW**
- **NEW** **KapitalBank**
- **NEW** **FrontPad**
- **NEW** -
- **NEW** - ()
- **NEW** - (18+)
- **NEW** **AppStore** **GooglePlay**,
- **NEW**
- **NEW**
- **NEW**
- **NEW**
- **NEW**
- **NEW**
- **UPDATE** ,
- **UPDATE** Seo SEO
- **DEPRECATED**
- **DEPRECATED**

v.4.7.6.5 - 04.08.2020

- **NEW** - (>= 5.1)
- **FIX**
- **FIX**

v.4.7.5.4 - 30.07.2020

- **NEW**
- **NEW** ()
- **FIX**

v.4.7.4.4 - 05.06.2020

- **NEW** **WebPay**
- **NEW**
- **FIX** **PUSH**
- **FIX** 1

v.4.7.4.3 - 16.05.2020

- **NEW** (Android 5.0 iOS 5.0)
- **NEW** (Android 5.0 iOS 5.0)
- **NEW** 1 (Android 5.0 iOS 5.0)
- **NEW**
- **NEW** **CloudPayments**

- NEW (Android 5.0 iOS 5.0)
- NEW (Android 5.0 iOS 5.0)
- NEW (Android 5.0 iOS 5.0)
- NEW (Android 5.0 iOS 5.0)

v.4.7.4.2 - 14.04.2020

- NEW UTM
- NEW UTM
- NEW , (Android 5.0 iOS 5.0)
- NEW ,
- NEW **PUSH**
- NEW - . , (Android 5.0 iOS 5.0)
- NEW **InterKassa**
- NEW **LetsAds**
- UPDATE PUSH
- FIX
- FIX ,
- FIX
- FIX
- FIX **PUSH**
- FIX
- FIX **IIKO Delivery FoodSoul**
- FIX
- FIX ,
- FIX
- FIX **ApplePay**

v.4.7.3.2 - 16.02.2020

- NEW **PayPost**
- NEW **PayBox** , ,
- NEW **bePaid**
- NEW **crm** . (Android 5.0 iOS 5.0)
- UPDATE
- UPDATE , ,
- UPDATE ,
- UPDATE ,

v.4.7.2.1 - 12.12.2019

- NEW ,
- NEW Apple 21, 14, 7, 3
- NEW AppStore, PUSH iOS .
- NEW , 3 , .
- NEW
- NEW , , .
- NEW , ,
- NEW
- UPDATE **IIKO**, , .
- UPDATE , .
- UPDATE , ,
- FIX

v.4.7.1.1 - 06.12.2019

- NEW ""
- NEW ,
- UPDATE **IIKO**, 1
- UPDATE ,
- UPDATE

v.4.6.2.1 - 15.06.2019

- NEW "FrontPad"
- NEW ""
- NEW "iiko" "iikoCard"

v.4.6.1.1 - 28.05.2019

- NEW "" "" ""
- NEW ""
- NEW .

v.4.6.0.1 - 24.04.2019

- NEW -
- NEW - "PayOnline"

v.4.6 - 17.04.2019

- NEW (, ,).
- NEW .
- NEW .
- NEW . **Email**
- NEW .
- NEW .
- NEW 2 FreeOTP.
- NEW . **IP**
- NEW .
- NEW .
- NEW xml . **XML**
- NEW .
- NEW AppStore GooglePlay. **IOS**
- NEW .

v.4.4.3.1 - 16.01.2019

- NEW **Google Pay**

v.4.4.1.1 - 04.12.2018

- FIX
- NEW c "PayPal"
- NEW c ""
- NEW "AppsFlyer"
- NEW "Flurry"
- NEW "Facebook SDK"
- NEW **Mobizon**
- NEW **TurboSMS**

v.4.4.0.1 - 08.10.2018

- NEW IIKO Api 48
- NEW QR
- NEW ""
- NEW email/telegram 10, .
- NEW ""
- UPDATE ,
- UPDATE IIKO, (, ,)
- UPDATE IIKO,
- UPDATE , ,
- FIX ,

- **FIX** FrontPad
- **FIX** ,

v.4.4.0.0 - 17.09.2018

- **NEW** Mobidel
- **NEW**
- **NEW** ApplePay
- **UPDATE**
- **NEW** , ID , ID ,
- **NEW** , ID ID
- **NEW** , ,
- **NEW**
- **NEW**
- **UPDATE** iikoDelivery
- **FIX**

v.4.3.9.43 - 22.06.2018

- **NEW** , , ""

v.4.3.9.42 - 19.06.2018

- **NEW** , , , . 0 ,
- **NEW** 10

v.4.3.9.41 - 18.06.2018

- **NEW** PUSH, PUSH

v.4.3.9.40 - 08.06.2018

- **NEW** , , ,

v.4.3.9.39 - 30.05.2018

- **NEW**

v.4.3.9.38 - 19.05.2018

- **NEW**

v.4.3.9.37 - 11.05.2018

- **NEW** " "
- **NEW** -

v.4.3.9.36 - 27.04.2018

- **NEW** / (4.2)
- **FIX**

v.4.3.9.35 - 24.04.2018

- **NEW**
- **NEW**
- **NEW** IIKO

v.4.3.9.34 - 12.04.2018

- **NEW** , (4.1.1)

v.4.3.9.33 - 10.04.2018

- **NEW**
- **FIX**

v.4.3.9.32 - 04.04.2018

- NEW
- NEW
- NEW
- NEW
- DEPRECATED

v.4.3.9.31 - 03.04.2018

- FIX
- FIX
- FIX

v.4.3.9.30 - 27.03.2018

- NEW
 - NEW
 - NEW
- %
 - \$
 - FREE
- %
 - \$
 - FREE

v.4.3.9.29 - 16.03.2018

- NEW Apple Pay

v.4.3.9.28 - 13.03.2018

- NEW Apple Pay
- NEW (iOS 4.1)
- FIX

v.4.3.9.27 - 06.03.2018

- NEW Apple Pay
- FIX Facebook

v.4.3.9.26 - 02.03.2018

- NEW
- NEW FrontPad
- FIX
- FIX PUSH

v.4.3.9.25 - 01.03.2018

- NEW
- FIX

v.4.3.9.24 - 26.02.2018

- NEW FrontPad
- NEW

v.4.3.9.23 - 16.02.2018

- FIX
- NEW " - , Android Pay Apple Pay

v.4.3.9.22 - 28.01.2017

- NEW , , !

v.4.3.9.21 - 27.12.2017

- NEW IIKO, /
- NEW Apple Pay

v.4.3.9.20 - 20.12.2017

- **FIX**
- **NEW**

v.4.3.9.19 - 15.12.2017

- **NEW** IIKO, .
- **UPDATE** IIKO - +
- **FIX** 4.0,

v.4.3.9.18 - 14.12.2017

- **FIX** ,
- **FIX**
- **NEW** IIKO -

v.4.3.9.17 - 05.12.2017

- **UPDATE** " "
- **UPDATE**
- **NEW** " "

v.4.3.9.16 - 29.11.2017

- **NEW** YML,
- **NEW**

v.4.3.9.15 - 24.11.2017

- **UPDATE**

v.4.3.9.14 - 23.11.2017

- **NEW** IIKO

v.4.3.9.12 - 11.09.2017

- **NEW** Google Maps
- **FIX**

v.4.3.9.11 - 11.09.2017

- **FIX** 100
- **FIX** ,
- **FIX** , Telegram
- **FIX**
- **NEW**
- **NEW** Telegram
- **NEW** Telegram //, .
- **NEW**
- **NEW** : SMS.RU
- **NEW** : SMS
- **NEW** : SMS Pilot
- **NEW** : Prostor SMS
- **NEW** : SMS Aero
- **NEW** ""
- **NEW** (> iOS 3.7.3)

v.4.3.9.10 - 22.08.2017

- **FIX** IIKO
- **FIX**

v.4.3.9.9 - 18.08.2017

- **NEW** Telegram , , .
- **FIX**

v.4.3.9.8 - 15.08.2017

- **NEW** Telegram ,
- **UPDATE**
- **NEW** ""
- **UPDATE** Telegram ,
- **FIX** , Telegram
- **NEW** Telegram 1 , ,
- **FIX**

v.4.3.9.6 - 24.07.2017

- **NEW** Telegram
- **NEW** email ,
- **NEW** Telegram , Telegram
- **DEPRECATED** - Email .
- **UPDATE** ,
- **UPDATE**
- **UPDATE** 600
- **UPDATE** 600

v.4.3.9.5 - 13.07.2017

- **NEW** Telegram, !

v.4.3.9.4 - 12.07.2017

- **UPDATE** ,

v.4.3.9.3 - 06.07.2017

- **UPDATE** ""
- **UPDATE**

v.4.3.9.2 - 04.07.2017

- **NEW** - .
- **NEW** - .
- **NEW** - .
- **NEW** - SEO . , h1,

v.4.3.9.1 - 30.06.2017

- **NEW** iiko SEO

v.4.3.9.0 - 27.06.2017

- **NEW** SEO : H1, Title, Keywords, Description
- **NEW** "/"
- **NEW** " " " 54"

v.4.3.8.9 - 26.06.2017

- **NEW** PayMaster (, , 24, , HandyBank)
- **NEW** - ""
- **UPDATE** ""
- **UPDATE** ""
- **UPDATE** ""
- **UPDATE** API ""
- **UPDATE** , , "" (Tinkoff)
- **NEW**
- **NEW**

v.4.3.8.8 - 14.06.2017

- UPDATE ,
- UPDATE
- UPDATE , //push
- NEW
- NEW Apple Pay iOS
- NEW "" "" "" ,

v.4.3.8.7 - 19.05.2017

- FIX
- UPDATE ""
- UPDATE ""

v.4.3.8.6 - 18.05.2017

- UPDATE
- FIX Microsoft EDGE
- DEPRECATED Internet Explorer
- NEW

v.4.3.8.5 - 12.05.2017

- FIX CRM iOS 9.3.5
- NEW Facebook
- UPDATE

v.4.3.8.4 - 09.05.2017

- NEW "" "" ""
- UPDATE FrontPad MobiDel,

v.4.3.8.3 - 30.04.2017

- NEW API +

v.4.3.8.2 - 29.04.2017

- NEW

v.4.3.8.1 - 25.04.2017

- FIX , .
- NEW !
- FIX

v.4.3.8.0 - 13.04.2017

- NEW ""
- NEW ""
- NEW ""
- NEW "" ""
- NEW "WebMoney"
- FIX Android,

v.4.3.7.9 - 12.04.2017

- NEW - .

v.4.3.7.8 - 11.04.2017

- UPDATE
- NEW ""
- UPDATE "" "" "" ""
- NEW "" ""

v.4.3.7.7 - 08.04.2017

- UPDATE
- NEW Emoji PUSH

v.4.3.7.6 - 06.04.2017

- FIX " "

v.4.3.7.5 - 05.04.2017

- NEW " "

v.4.3.7.4 - 04.04.2017

- FIX , ,
- FIX ,

v.4.3.7.3 - 31.03.2017

- NEW - .
- FIX , ,

v.4.3.7.2 - 30.03.2017

- UPDATE ,
- UPDATE ,
- FIX ,
- FIX ,

v.4.3.7.1 - 28.03.2017

- NEW " " , , 0,
- NEW " " " , - 0,

v.4.3.7.0 - 27.03.2017

- NEW FrontPad, ID , ID ,

v.4.3.6.9 - 26.03.2017

- NEW Mobidel FrontPad
- NEW FrontPad, ID - , ,
- NEW " "

v.4.3.6.8 - 23.03.2017

- NEW " "
- 1. -
- 2. - "30", 30
- 3. - ,
- UPDATE

v.4.3.6.7 - 21.03.2017

- NEW " " " (,)

v.4.3.6.6 - 20.03.2017

- NEW " "
- NEW ,
- UPDATE
- NEW " "

v.4.3.6.5 - 15.03.2017

- NEW " API" - ()
- NEW " " - ()
- FIX ID

- NEW

v.4.3.6.4 - 14.03.2017

- NEW WebMoney - , , ,
- NEW RoboKassa
- NEW (SMALL,MEDIUM,LARGE),
- UPDATE

v.4.3.6.3 - 13.03.2017

- NEW LiqPay
- FIX 2

v.4.3.6.2 - 06.03.2017

- DEPRECATED - ,
- FIX - , ,
- UPDATE
- UPDATE

v.4.3.6.1 - 02.03.2017

- NEW
- FIX

v.4.3.6.0 - 26.02.2017

- NEW , , email ,

v.4.3.5.9 - 22.02.2017

- NEW
- NEW

v.4.3.5.8 - 21.02.2017

- FIX ,
- FIX
- FIX , html "HTML/CSS/JavaScript"
- NEW , ""

v.4.3.5.7 - 20.02.2017

- UPDATE ModiDel FrontPad, ,
- FIX

v.4.3.5.6 - 19.02.2017

- FIX , ,

v.4.3.5.5 - 17.02.2017

- FIX MobiDel
- FIX
- FIX

v.4.3.5.4 - 03.02.2017

- NEW
- NEW CTRL+V

v.4.3.5.3 - 02.02.2017

- FIX IIKO
- UPDATE CRM
- NEW ,
- NEW ,

v.4.3.5.2

- UPDATE

v.4.3.5.1

- NEW iiko Delivery

v.4.3.5.0

- NEW iiko Delivery

v.4.3.4.0

- NEW

v.4.3.3.2

- NEW AppStore GooglePlay

v.4.3.3.1

- NEW " " , , 1

v.4.3.3.0

- NEW ""
- NEW ""
- NEW -
- NEW 1 Email
- UPDATE

v.4.3.2.9

- UPDATE CRM

v.4.3.2.8

- FIX : CRM
- UPDATE , .

v.4.3.2.7

- UPDATE iOS 4
- UPDATE " " " "
- UPDATE " " " "

v.4.3.2.6

- NEW , ,

v.4.3.2.5

- NEW ,
- UPDATE ,
- UPDATE

v.4.3.2.3

- NEW iOS , " " .

v.4.3.2.2

- NEW " " " " .

v.4.3.2.1

- NEW " " " " , .

v.4.3.1.4

- UPDATE

v.4.3.1.2

- UPDATE
- UPDATE "" ""
- UPDATE
- NEW " " /
- UPDATE ""
- UPDATE , , ->
- NEW .
- NEW ("")
- NEW WebPUSH, . PUSH . SSL.
- UPDATE
- UPDATE , .

v.4.1.8.1

- UPDATE "(?)"
- FIX
- FIX

v.4.1.8.0

- FIX
- UPDATE
- UPDATE
- NEW CRM MobiDel FrontPad

v4.0.7.5

- FIX
- UPDATE

v4.0.7.3

- FIX
- FIX
- UPDATE
- UPDATE ,

v4.0.7.0

- UPDATE
- NEW , .
- NEW " "
- NEW " -> "

v4.0.6.3

- FIX
- NEW TopHeader v1.0

v4.0.6.0

- FIX

v4.0.5.9

- UPDATE

v4.0.5.8

- UPDATE
- NEW : +

v4.0.5.7

- NEW " " , ()
- NEW

v4.0.5.5

- UPDATE ,

v4.0.5.0

- UPDATE
- NEW
- NEW

v4.0.3.5

- UPDATE , 3

v4.0.3.0

- UPDATE
- NEW , %

v4.0.2.7

- NEW ,

v4.0.1.7

- UPDATE QR
- FIX

v4.0.1.6

1. UPDATE 15 ,
2. UPDATE PUSH:
 - PUSH ,
 - () PUSH

v4.0.0.5

- UPDATE

v4.0.0.4

- NEW
- UPDATE % ,
- UPDATE

v4.0.0.3

- NEW
- FIX

v4.0.0.2

- FIX

v4.0.0.1

- NEW CRM
- UPDATE CRM
- FIX
- FIX

v3.0.3.6

- NEW
- FIX

v3.0.3.5



NEW