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## Definitions

- DPD – Shipping service provider in Estonia, link: <http://www.pakivedu.ee/>
- DPD API – Active programming interface, which allows Merchant to send parcel data, print packing slips from DPD and call courier to pick up parcels without leaving Magento admin panel. Link:  
<https://docs.google.com/document/d/1dC2vVZPniVaQeCXroUtFW8RSy6XYpnMFCmdbREFMvc0/edit?pli=1>
- GPLv3 – Software license allowing distribution of free software. Link:  
<http://www.gnu.org/licenses/gpl-3.0.txt>
- DPD Pickup – Network of shops in Estonia, Latvia, Lithuania, allowing customer to pick up purchased goods near comfortable location.

## Added functionality

- Clients can use DPD Pickup service in Estonia, Latvia, Lithuania by selecting preferred Pickup point from select menu, where they wish to pick up ordered goods.
- Clients can use DPD courier service in Estonia, Baltic states, Europe.
- Auto updates list of Pickup points from DPD server assuming Magento cron has been properly configured.
- If Magento cron is not configured, the list of Pickup points can be updated from configuration panel.
- Meant for merchants, who operate mainly in Estonia.
- When DPD API communication contract exists, then Merchants can send parcel data to DPD server and print out DPD PDF packing slips from Magento admin.
- When DPD API communication contract exists, Merchants can call for courier to pick up goods from Magento admin.
- When tracking code is supplied to the shipment, then customer can see tracking link when logging in to account, showing status of the shipment.
- Customer can pay right after order confirmation or with cash on delivery
- Merchant can apply extra fee which shall be added on top of shipping price when customer decides to pay with cash on delivery

## Use cases

- Customer orders goods to DPD Pickup points located in Estonia, Latvia, Lithuania.
- Customer located in Europe orders goods to be delivered to shipping address by courier.
- While merchant manages orders, he can send parcel data to DPD and print out DPD packing slips without leaving Magento admin panel. When possible parcel data is sent automatically.
- Merchant prints out DPD packing slips without leaving Magento admin.
- Merchant calls courier to pick up goods to be delivered with DPD for one or many orders simultaneously by being able to specify date and time, when the goods are supposed to be picked up.
- Customer orders and pays with Cash on Delivery

## Magento requirements

Current module works with following Magento versions:

- 1.4.x.x
- 1.5.x.x
- 1.6.x.x
- 1.7.x.x

- 1.8.x.x
- 1.9.x.x

In order to auto-update list of DPD Pickup points – Magento cron needs to be set up and configured.

## Third party libraries

Component Eabi\_Livehandler uses LivePipe UI library: <http://livepipe.net/>

## Install procedure

From modules zip file you can find „install“ folder, which should be copied to Magento root folder.

Pay attention that „app“ folder in Magento's root folder and „app“ folder from the modules „install“ folder should match. Contents of the folders should be merged, not replaced.

If you have installed other Eabi modules earlier such as Eabi\_Livehandler or Eabi\_Postoffice then it may happen that files from mentioned modules get overwritten. Such overwrite is allowed and should be performed. In such scenario you need to remove following folders (if exist) after copy operation:

- app/code/local/Eabi/Livehandler
- app/code/local/Eabi/Postoffice

After successful copy operation, log in to Magento admin panel, flush Magento cache storage and then log out from Magento admin and then log back in again.

## Install procedure with Magento Connect manager

Starting from 27th of January 2014 it is possible to install same module from Magento Connect Manager, assuming that you have not installed Eabi\_Postoffice component before.

If you have installed Eabi\_Livehandler component before, then you are asked to upgrade it to version 0.1.8 at least and after that Eabi\_DpdEE component will be installed.

To start the installation log in to Magento admin panel and navigate following:

System -> Magento Connect -> Magento Connect Manager

Re-enter your Magento admin login credentials and install module with following extension key:

[http://connect20.magentocommerce.com/community/Eabi\\_DpdEE](http://connect20.magentocommerce.com/community/Eabi_DpdEE)

After installation return to Magento admin and log out from Magento admin and then back in again.

In case of errors you probably have previously installed Eabi\_Postoffice or Eabi\_Livehandler component and it is more sensible for you to install this module over FTP.

## Setting it up

Correctly installed module yields two DPD shipping methods under following locations:

System -> Configuration -> Shipping Methods -> DPD Pickup – Pakivedu.ee

System -> Configuration -> Shipping Methods -> DPD – Pakivedu.ee – Courier service

If you received error message during accessing of mentioned shipping methods then you probably have PHP 5.4 and you have outdated versions of E-Abi shipping methods, which use Eabi\_Postoffice component. In such scenario ask updated shipping modules from developer.

## DPD Pickup – Pakivedu.ee

Enables you to set up DPD Pickup availability to customers and if DPD API contract exists then details of parcel data sending and courier call methods can be configured.

- **Enabled** – „yes“ customers can use DPD Pickup service. „no“ customers cannot use DPD Pickup service
- **Title** – Title displayed to the customer for current shipping method. For example „DPD – Choose your pickup location“
- **Price** – Shipping price for customer with VAT. Price defined here will be applied if there is no separate shipping price declaration for the customer destination country, but this shipping method is available.
- **Price per country** – You can declare shipping price for each country. If one country is declared multiple times, then latest declaration overrides all previous declarations.
  - **Country** – Country, to which the shipping price must be declared for
  - **Base shipping price** – Flat shipping fee
  - **Price per additional 10kg over base 10kg** – Additional shipping fee on top of base shipping price per additional 10 kilograms of the cart weight excluding base 10kg included in base shipping price. Weight is calculated from products weight field.
  - **Free shipping from price** – Minimal cart subtotal cost without VAT, from which shipping cost to customer is free. Leaving this field empty disables free shipping for this country
  - **Cash on delivery fee** – Enables cash on delivery payment option for specified country when this field is filled with valid number equal or greater than 0. Cash on delivery needs also to be enabled from “Enable cash on delivery” configuration setting. Fee specified here would be appended to current shipping fee, even if shipping was previously free
- **Show short office names** – „Yes“ – Pickup points list shows only names of Pickup points. „No“ – Pickup points list shows names of Pickup points points, addresses, phone numbers, opening hours.

- **Sort offices by priority** – „Yes“ – Pickup points from more populated regions are displayed first and rest will be sorted alphabetically. „No“ – Sorting is not applied. Changing this setting requires rebuild of Pickup points list.
- **Disable this carrier if product's short description contains HTML comment <!-- no dpd\_ee\_module -->** - If this setting is allowed and such a product exists in cart, then this shipping method is unavailable to customer.
- **Maximum allowed package weight for this carrier** – Default 31.5 – If such a product exists in cart, which weighs more than 31.5kg (from products weight attribute) then this shipping method is unavailable to customer. If this field is left empty, then weight limitation is not applied.
- **Handling action** –
  - **Per order** – Shipping price equals configured shipping price + extra price by weight.
  - **Per package** – Shipping price equals configured base shipping price multiplied by number of products in cart + extra price by weight.
- **Enable free shipping** – When enabled and Free shipping subtotal is less or equal than carts subtotal excluding VAT then shipping is free for the customer.
- **Free shipping subtotal** – If carts subtotal excluding VAT is equal or greater than amount specified here, then customer receives free shipping for this carrier. If amount here is less than free shipping amount specified in the customers shipping address country then free shipping amount for the country is ignored and this configuration is used instead.
- **Auto send data to DPD server** – If you have DPD API contract, then you can configure it by enabling this setting. Enables you to auto send parcel data to DPD, print DPD packing slips and call courier to pick up parcels.
- **Allow courier pickup** – When enabled, you can order DPD courier to pick up parcels from Magento Sales Order Grid
- **DPD Self-service username** – Enter DPD API username here
- **DPD Self-service password** – Enter DPD API password here
- **When to send parcel data** – Defines when module attempts to send Parcel data to DPD server. If parcel data sending does not succeed then it is possible to re-send it by clicking on „Send shipping data to server“ button.
  - **After successful checkout** – Parcel data is sent at the moment, when customer is displayed „order-was-successful“ screen and at that moment order is fully paid or payment method is cash on delivery.
  - **After successful shipment creation** – Parcel data is sent at the moment when shipment is created for the order and order is fully paid or payment method is cash on delivery
  - **I will send data myself by clicking on the button** – Parcel data is not sent automatically. Only way to send parcel data is by opening up order info in Magento Sales order grid and clicking on the „Send shipping data to server“ button.
- **Pickup address name** – First name and last name on pickup address when shipping to customer fails.
- **Pickup address company** – Company name on pickup address when shipping to customer fails.

- **Pickup address e-mail** – E-mail address on pickup address when shipping to customer fails.
- **Pickup address phone** – Phone number on pickup address when shipping to customer fails.
- **Pickup address street** – Street, house, apartment on pickup address when shipping to customer fails.
- **Pickup address city, county** – City, county, region on pickup address when shipping to customer fails.
- **Pickup address zip code** – Zip code on pickup address when shipping to customer fails.
- **Pickup address country** – Country on pickup address when shipping to customer fails. This field is also used with zip code to query available courier pickup times from DPD API.
- **Show pickup address on packing label** – Decides if customer can read the pickup address from packing slip or not.
- **Labels position on packing slip** – Labels position on packing slip.
- **Api URL** – Destination URL for DPD API. Default:
  - Live - <http://www.pakivedu.ee/rpc/gateway>
  - Test - <http://dpd.surflink.ee/rpc/gateway/>
- You can decide whether to show customer error message when this shipping method is unavailable or simply not to show anything at all when this shipping method is unavailable.
- You can define the availability of this shipping method by country. By default this shipping method is enabled in Estonia, Latvia, Lithuania and correspondingly customer can only see Pickup points from selected country only.
- **Width in pixels for city select menu** – If you have set up this shipping method up in a way that customer has to choose region first and then Pickup points from the region, then with of this region select menu can be regulated here.
- **Width in pixels for office select menu** – If Pickup points select menu with is not acceptable then you can regulate it here.
- **Show customer one dropdown instead of two** – When enabled, then customer is displayed with a select menu of all available Pickup points. When disabled customer must pick region first and then is presented with list of available Pickup points from previously selected region.
- **Disable populating list of last selected Pickup points** – When disabled and customer leaves checkout after choosing Pickup point, then after returning to checkout customer is presented with radio button of last selected Pickup point in addition to select menus. If customer performs that multiple times and each time changes Pickup point, then this list grows longer. When this setting is enabled, then this list is never longer than one item. After customer has performed successful checkout, this list is cleared.
- **Enable cash on delivery** – Currently DPD does not support this feature.
- **Rebuild Postoffice List** – Clicking on this button synchronizes Pickup points list with DPD server. When setting up this module for the first time it is advised to rebuild it right away. Otherwise customer sees empty list and is unable to use this carrier. After initial rebuild new synchronizations will be performed every 24 hours assuming Magento cron is properly set up.

- **Enable Cash on Delivery** – Enables Cash on delivery for DPD shipping methods globally. Cash on delivery has also to be enabled by defining Cash on Delivery fee under Price per country setting.
- **Cash on Delivery method name displayed to the client** – When client chooses suitable payment method, then this title is displayed
- **Cash on Delivery method description displayed to the client** – When client chooses Cash on Delivery payment method, then this description is displayed. Same description is displayed in customer e-mail
- **Default order status for cash on delivery payments** – Choose suitable order status for orders, which are placed using cash on delivery payment method. Defaults to pending status.
- **Allow cash on delivery only for products which are in stock** – When enabled, then cash on delivery method would be additionally checked against product availabilities in cart and if any of products are out-of-stock then cash on delivery would be unavailable.
- **Sort order for cash on delivery payment method** – Available payment methods to the customer are sorted by sort order ascending
- **Sort order** – Available shipping methods to the customer are sorted by sort order ascending.

## DPD – Pakivedu.ee – Courier service

Enables to set up availability of DPD courier service.

DPD courier takes parcel right to customers preferred address, which can be more comfortable alternative to DPD Pickup in some situations.

If you have DPD API contract then you can set it up under „DPD Pickup – Pakivedu.ee “ configuration. You can leave DPD Pickup module in a disabled state if you wish to do so.

- **Enabled** – „yes“ customers can use DPD courier service. „no“ customers cannot use DPD courier service
- **Title** – Title displayed to the customer for current shipping method. For example „Courier brings the goods to my address“
- **Price** – Shipping price for customer with VAT. Price defined here will be applied if there is no separate shipping price declaration for the customer destination country but this shipping method is available.
- **Price per country** – You can declare shipping price for each country. If one country is declared multiple times, then latest declaration overrides all previous declarations.
  - **Country** – Country, to which the shipping price must be declared for.
  - **Base shipping price** – Flat shipping fee.
  - **Price per additional 10kg over base 10kg** – Additional shipping fee on top of base shipping price per additional 10 kilograms of the cart weight excluding base 10kg included in base shipping price. Weight is calculated from products weight field.



- **Free shipping from price** – Minimal cart subtotal cost without VAT, from which shipping cost to customer is free. Leaving this field empty disables free shipping for this country.
- **Cash on delivery fee** – Enables cash on delivery payment option for specified country when this field is filled with valid number equal or greater than 0. Cash on deliveries need also to be enabled from “Enable cash on delivery” configuration setting. Fee specified here would be appended to current shipping fee, even if shipping was previously free
- **Disable this carrier if product's short description contains HTML comment <!-- no dpd\_ee\_module -->** - If this setting is allowed and such a product exists in cart, then this shipping method is unavailable to customer.
- **Maximum allowed package weight for this carrier** – Default 31.5 – If such a product exists in cart, which weighs more than 31.5kg (from products weight attribute) then this shipping method is unavailable to customer. If this field is left empty then weight limitation is not applied.
- **Handling action** –
  - **Per order** – Shipping price equals configured shipping price + extra price by weight.
  - **Per package** – Shipping price equals configured base shipping price multiplied by number of products in cart + extra price by weight.
- **Enable free shipping** – When enabled and Free shipping subtotal is less or equal than carts subtotal excluding VAT then shipping is free for the customer.
- **Free shipping subtotal** – If carts subtotal excluding VAT is equal or greater than amount specified here, then customer receives free shipping for this carrier. If amount here is less than free shipping amount specified in the customers shipping address country then free shipping amount for the country is ignored and this configuration is used instead.
- You can decide, whether to show customer error message when this shipping method is unavailable or simply not to show anything at all when this shipping method is unavailable.
- You can define the availability of this shipping method by country. By default this shipping method is enabled in Estonia, Latvia, Lithuania.
- **Enable cash on delivery**– Currently DPD does not support this feature.
- **Sort order** – Available shipping methods to the customer are sorted by sort order ascending.

## Parcel data sending with DPD API

If you have set up automatic parcel data sending with DPD, then you can send parcel data as following:

- In Magento admin navigate Sales -> Orders
- Open up order information by clicking on „Show order info“ or „View“
- If the order uses DPD carrier, then it is possible to send parcel data by clicking on the button „Send shipping data to server“



18 kirjet | [Uue tellimuse RSS](#)

Ostmise kuupäev	Maksja nimi	Läheta n
Alates		
Kuni:		
05.01.2014 22:57:45	Mihhail Kulnev	<a href="#">Näita tellimust</a>
04.01.2014 23:29:13	matias halmann	<a href="#">Näita tellimust</a>

Clicking on the „Show order info“ button (you can navigate between orders using directional keys on keyboard):

05.01.2014 22:57:45 Mihhail Kulnev [Näita tellimust](#) Mihhail Kulnev

**Tellimus nr 100000519 - 05.01.2014 22:57:45**

0,00 € / 302,67 € [Saada paki andmed serverisse](#) Vastu võetud

[error@e-abi.ee](mailto:error@e-abi.ee)  
Mihhail Kulnev  
mina ei tea  
Tallinn, Viljandimaa,  
10617  
Eesti  
T: 56123456

**Makseinfo**  
Check / Money order

**Kohaletoimetamise info**  
DPD - Vali sobiv pakiautomaat - Rakvere - Cargobus Rakvere Laada 18 Rakvere  
44310, EE +3723223900 (E-P 6:45-18:30)

Toode	Laokood	Kogus	Hind	Rea summa
ASROCK FM2A88X EXTREME6+ SocketFM2+ D-Su	ALS-2014362	1/-1	294,69 €	294,69 €

03.01.2014 1:39:47 Aiel Sirom [Näita tellimust](#) Aiel Sirom

03.01.2014 1:30:58 Peeter Meeter [Näita tellimust](#) Peeter Meeter

If current order allows parcel data sending then „Send shipping data to server“ button is displayed. Clicking on the button sends „labels-only“ request to DPD API which generates DPD packing slip.

Parcel data is sent only when order is fully paid or payment method is cash on delivery. If sending was successful, then „Send shipping data to server“ is not displayed any more.

# DPD – Pakivedu.ee shipping module for Magento

<http://en.e-abi.ee/>



Kuni: 05.01.2014 22:57:45 Mihhail Kulnev

Tellimus nr 100000519 - 05.01.2014 22:57:45

✓ Paki andmed saadetud serverisse, vaata tellimuse kommentaaridest saatmise õnnestumist

302,67 € / 302,67 € Kutsu DPD kuller Trüki pakikaart Töötlemine

[error@e-abi.ee](mailto:error@e-abi.ee)  
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Tallinn, Viljandimaa,  
10617  
Eesti  
T: 56123456

**Makseinfo**  
Check / Money order

**Kohaletoimetamise info**  
DPD - Vali sobiv pakiautomaat - Rakvere - Cargobus Rakvere Laada 18 Rakvere  
44310, EE +3723223900 (E-P 6:45-18:30)

Toode	Laokood	Kogus	Hind	Rea summa
ASROCK FM2A88X EXTREME6+ SocketFM2+ D-Su	ALS-2014362	1/-1	294,69 €	294,69 €

03.01.2014 1:30:58 Peeter Meeter

On shipping data sending success you are presented with options to „Print packing slip“ and/or „Order courier to pick up goods“

Index Management and rebuild required indexes.

Send Email Ootele Makse sidumine Kohaletoimetamine **Saada paki andmed serverisse**

[matis halmann](#)  
[error@e-abi.ee](mailto:error@e-abi.ee)  
General

Tagasi Muuda Send Email Kreeditarve Ootele Kohaletoimetamine **Trüki pakikaart**

ni [matis halmann](#)  
dress [error@e-abi.ee](mailto:error@e-abi.ee)  
pp General

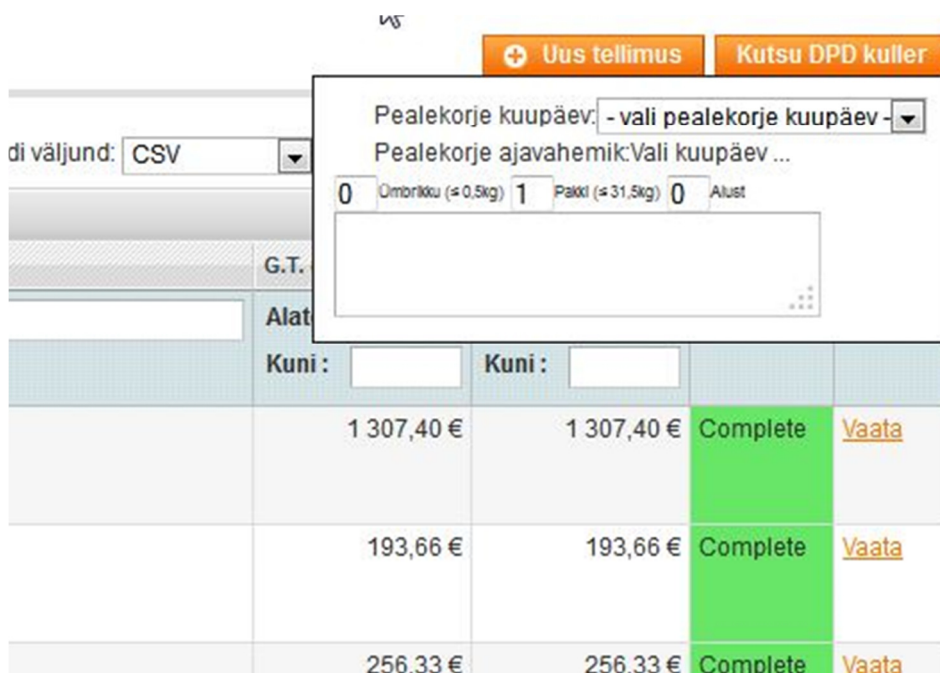
You can also „Send shipping data to server“ and „Print packing slip“ by opening up Magento Order by clicking on the order action buttons on top right.

Information about parcel data send status is held in order comments, which is not visible in frontend.

## Calling in DPD courier to pick up goods

If automatic data sending with DPD API has been set up and courier calls are allowed, then you can call DPD courier as follows:

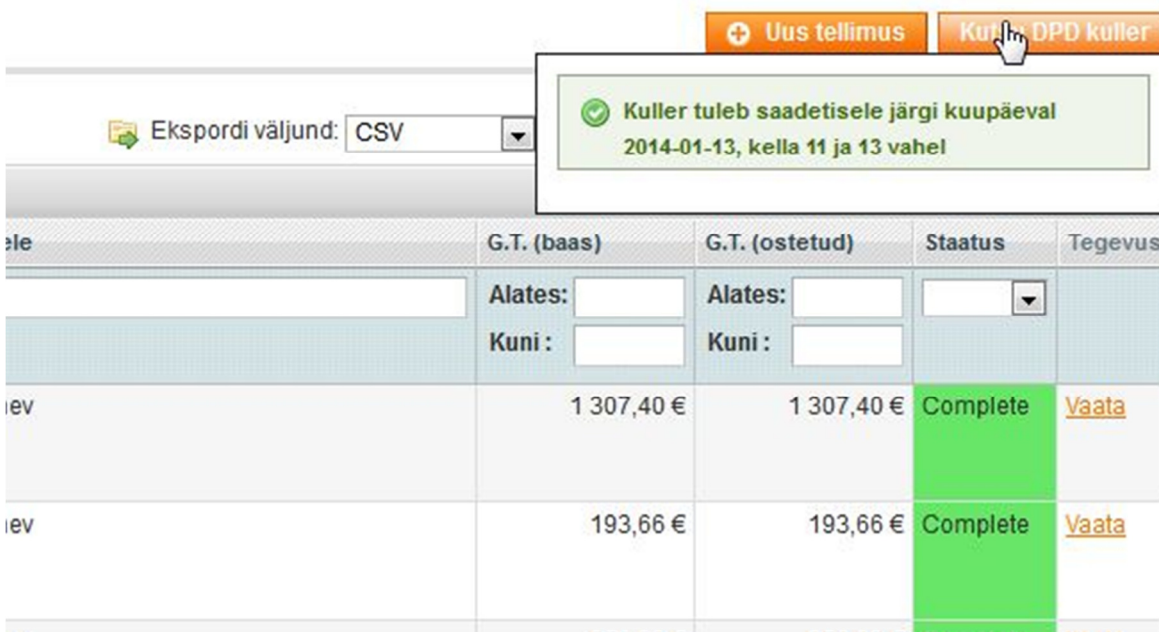
- In Magento admin navigate  
Sales -> Orders
- Locate „Order courier to pick up goods“ button from top right



The screenshot shows the Magento admin interface. At the top, there are two buttons: '+ Uus tellimus' and 'Kutsu DPD kuller'. Below these, there is a modal form for calling a courier. The form includes a dropdown for 'Pealekorje kuupäev:' with the value '- vali pealekorje kuupäev -', a text field for 'Pealekorje ajavahemik: Vali kuupäev ...', and three radio buttons for '0' (Ombriliku (≤ 0,5kg)), '1' (Pakid (≤ 31,5kg)), and '0' (Alust). Below these, there is a text area for remarks. The background shows a table with order details, including columns for 'Kuni:', '1 307,40 €', '1 307,40 €', 'Complete', and 'Vaata'.

Clicking on it will open up Order DPD courier menu.

- Pickup date – Choose preferred date, when courier should come pick up the goods.
- Pickup time – Choose preferred time range when courier should come to pick up the goods.
- You can declare how many envelopes, parcels, pallets courier should pick up, make sure you enter correct amounts.
- You can also enter remark to courier by entering text in text area.



	G.T. (baas)	G.T. (ostetud)	Staatuse	Tegevus
	Alates: <input type="text"/>	Alates: <input type="text"/>	<input type="text"/>	
	Kuni: <input type="text"/>	Kuni: <input type="text"/>		
iev	1 307,40 €	1 307,40 €	Complete	<a href="#">Vaata</a>
iev	193,66 €	193,66 €	Complete	<a href="#">Vaata</a>

On success you are notified with message indicating when courier is coming to pick up the goods. Do not forget to print out packing slips and pasting them to parcels. If you have not done that, then you can print out packing slips by clicking on „Print packing slip“ button on the order.

If you have ordered DPD courier to pick up goods, then next time you can create another pickup order, when current pickup order has been processed. If you try to order earlier, then you are displayed information message about next courier arrival.

## License

Module is licensed under GPLv3 license.

## In case of problems

„Show order info“ button is not displayed in Sales Order Grid

In Magento admin navigate:

System -> Configuration -> Eabi Livehandler -> Global Livehandler settings

Make sure it is enabled.

Also navigate:

System -> Configuration -> Eabi Livehandler -> Admin Order Grid Helper

Make sure it is enabled

If after reviewing settings and flushing Magento cache problem does not resolve, contact the developer.

### List of DPD Pickup points does not show on Internet Explorer

It is caused by JS prototype not being 100% compatible with all versions of Internet Explorer.

To fix this, please add following meta-tag to documents head:

Default location:

~/app/design/frontend/base/default/template/page/html/head.php

Meta tag:

```
<meta http-equiv="X-UA-Compatible" content="IE=8" />
<meta http-equiv="X-UA-Compatible" content="IE=7" />
```

More information:

[http://alanstorm.com/ie9\\_fix\\_for\\_magento](http://alanstorm.com/ie9_fix_for_magento)

### Customer is displayed gibberish/garbage when trying to pick DPD Pickup point

This problem can occur when custom checkout module is in use. To resolve this open up following file:

~/app/design/frontend/base/default/template/checkout/onepage/shipping\_method/available.phtml  
and perform following replacement:  
before:

```
<label for="s_method_<?php echo $_rate->getCode() ?>"><?php echo $this->escapeHtml($_rate->getMethodTitle()) ?>
```

after:

```
<label for="s_method_<?php echo $_rate->getCode() ?>"><?php echo ($_rate->getMethodTitle()) ?>
```

Perform same replacement in your active Magento theme when necessary.

If it does not help, then locate templates which are used by your custom checkout module to render available shipping method and remove htmlspecialchars statements from there.



### Other problems

If you are experiencing problems with this module, then please contact developer by contact-us form located at <http://en.e-abi.ee/vota-yhendust/> or by e-mail [info@e-abi.ee](mailto:info@e-abi.ee)