

PATCH RELEASE

e-MOS[®]

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EXECUTIVE SUMMARY

Geçtiğimiz geliştirme süreci içerisinde yapılan işlemlerle ilgili detayları ve varsa kullanım şekillerini bu doküman içerisinde bulabilirsiniz.

Her bir sprint süreci içerisinde yeni teknolojileri ve ihtiyaçları göz önünde bulundurarak, fonksiyonel, kalıcı ve performans odaklı yeni geliştirmelere yer veriyoruz.

İlginizi çekecek bazı geliştirmeleri aşağıda belirtiyoruz;

Partial points usage

We have developed a structure to allow users to partially spend the points they have within the website instead of using them all at once. At the same time, points usage can be limited as a multiplier of a number. For example; the use of points can only be used in multiples of 5. **(Page 5)**

Cost and cost discount rate in products

To prevent a product or all products from being sold at a lower price than product cost, the cost field can be used to pre-determine the cost price of the product(s) so that if the prices to be imported from the integration are lower than the cost price then prices will not be updated. At the same time, added an option to product card page and site settings to allow adding a cost discount price for a single product or generally for all products. Thus, if the discount rate to be imported from the integration is higher than the pre-determined cost discount rate, product(s) prices will not be updated. **(Page 11-12)**

STORING KVKK CONFIRMATION DATE AND HOUR IN THE DATABASE

Storing the date and time info of users who accepted the KVKK contract on login page in the database.

The date and time range that the KVKK agreement is accepted will appear on e-MOS in member page as seen below;

The screenshot shows a user profile page with various tabs. The 'Diğer Bilgiler' (Other Information) tab is active. It displays the following information:

Üyelik Bilgileri	Bonus Bilgileri	Kişisel&Genel Bilgileri	Adres Bilgileri	Ek Bilgi	Bilgi Kaydı	Banka Bilgileri	Diğer Bilgiler	Abonelik
KAYIT Kayıt Tarihi: 21.10.2019 10:33:00 Üyelik IP: 10.12.12.216 Platform: Masaüstü Aktivasyon Tarihi: 21.10.2019 10:33:00		MOBİL Mobil Üyelik IP Mobil Son Giriş IP Mobil Üyelik UDID Mobil Son Giriş UDID Mobil Üyelik Cihaz Mobil Son Giriş Cihaz Mobil Üyelik OS Versiyon Mobil Son Giriş OS Versiyon		DİĞER SMS İşlem IP / Tarih / Seçim: 10.12.12.216 / 21.10.2019 10:33:11 / False Bülten İşlem IP / Tarih / Seçim: 10.12.12.216 / 21.10.2019 10:33:11 / True KVKK İşlem Tarih / Saat: 21.10.2019 10:33:00 Cep Telefonu Doğrulandı mı?: <input type="checkbox"/> Üyelik Yok: <input type="checkbox"/> SMS Onay Kodu: <input type="text"/> Anonimleştir: <input type="button" value="Anonimleştir"/>				

You can also check whether the KVKK contract has been accepted by looking at the previously implemented “KVKK” checkbox that's available within member page in “Personal information” section.

The screenshot shows the 'Kişisel&Genel Bilgileri' (Personal & General Information) tab. It displays the following information:

Üyelik Bilgileri	Bonus Bilgileri	Kişisel&Genel Bilgileri	Adres Bilgileri	Ek Bilgi	Bilgi Kaydı	Banka Bilgileri	Diğer Bilgiler	Abonelik
Ülke : Türkiye Öğrenim Durumu : Üniversite (Lisans) Meslek : Doğum Tarihi : 1.10.1941 Evlilik Tarihi : Çocuk Sayısı : 0 Doğum Tarihleri : 1: <input type="text"/> 2: <input type="text"/> 3: <input type="text"/> Bülten : <input checked="" type="checkbox"/> Sms? : <input type="checkbox"/> Telefon? : <input checked="" type="checkbox"/> KVKK? : <input checked="" type="checkbox"/>		Extra 1: <input type="text"/> Extra Text 1: <input type="text"/> Extra 2: <input type="text"/> Extra Text 2: <input type="text"/> Extra 3: <input type="text"/> Extra Text 3: <input type="text"/> Üye Kategorisi: <input type="text"/> Medeni Durum : <input type="radio"/> Evli <input type="radio"/> Bekar <input type="radio"/> Diğer Cinsiyet : <input checked="" type="radio"/> Bay <input type="radio"/> Bayan						

PARTIAL WEBSITE POINTS USAGE

Necessary settings have been made to add the ability for the user to partially use their bonus points gathered in their account on the website.

This feature can be enabled and disabled using a new field added in “Site Settings” called as “Is the use of partial points active?”.

Heading	Value
Send e-mail to the contract of sale	1
Should the membership of the order given with the stolen card be disabled?	1
Sipariş Detay ajax aktif mi?	0
Is the use of partial points active?	0

On payment page, the user will be able to enter the amount of points he or she wishes to use in the section where his total available points on the website are shown and apply it as a discount to the total amount of the related basket.

Additionally, the previously added “Site bonus usage factor” setting in Bonus Settings page in e-MOS can determine the multiple in which the points can be used, for example if entered 5 then the multiples will be 5, 10, 15,...

Not: To activate the partial points usage field in user interface necessary design and frontend adaptation process needs to be done. For further information please contact with your project manager.

ADDITIONAL POINTS GIFT FOR THE USE OF POINTS IN CAMPAGINS (POINTS MULTIPLIER)

Added a new field and settings to campaign definition page in order to define X amount of points as a gift for the use of X amount of points.

The following articles have been done within the scope of this development;

1. To singularize earning gift points from campaigns on member basis we have added a new field called as "Is single use on member basis active?". When this field is activated the gift points from the campaign will be a one time gift for each member.

The screenshot shows the campaign definition page. On the left, there are input fields for 'Üye Kategorisi', 'Depo', 'Maksimum Yararlanma Sayısı', 'Zubizu Kampanya Kodu', 'Email', and 'Class'. On the right, there are input fields for 'Platform', 'Kategori Seti', 'Kampanya silihrbazı aktif mi?', 'Bu kampanyayı dağıtma dahil etme.', 'Üye bazın tek kullanım aktif mi?', and 'Kullanılabilecek Maksimum Puan'. A black arrow points to the 'Kullanılabilecek Maksimum Puan' field, which has a value of 10. Below the fields are 'Ekle' and 'Sil' buttons. The text 'Uygulama Kriterleri' is visible at the bottom right.

Kayıt 1

2. To determine the maximum amount of points to be awarded in the campaigns we have added a new field called as "Maximum Usable Points". When X amount is entered in this field, it corresponds to the maximum gift points amount.

This screenshot is identical to the one above, showing the campaign definition page with the 'Kullanılabilecek Maksimum Puan' field highlighted by a black arrow. The value in the field is 10.

Kayıt 1

3. If a value entered in "Maximum Usable Points" then "Points Multiplier" filed found in gift claim section in campaign definition page will be active. By default this field will be set to 1.

The screenshot shows the gift claim section. It includes a 'Tutarlar' dropdown set to 'Vergi Dahil', a checkbox 'Bu kampanya uygulama işlemini her zaman indirimli fiyata uygula', and a 'Miktar' input field with the value 1. Below this, there are two rows of input fields: '%Oran' (0) and 'veya İnd.Tutar' (10,0000), and 'veya Tutar' (0,0000) and 'veya Puan Katı'. A black arrow points to the 'Puan Katı' field. At the bottom, there are 'Ekle' and 'Sil' buttons, and the text 'Diğer Diller' is visible.

Kayıt 0

Note: When points are used by the user up to the amount entered in step 2 the user will be gifted gift points up to the multiplier specified in claims section on campaign definition page.

Example scenario;

Example user;

- User Cemil has 60 points on the website.

Points campaign example;

- In “Maximum Usable Points” field entered 20 points.
- In “Points Multiplier” field found in claims section entered 1 as multiplier.

Campaign application format;

- User Cemil’s basket amount is = 100 TL
- Amount of website points wishes to use = 60 TL
- Additional gift points earned from the campaign (Max Usable Points (20) * Points Multiplier (1) = 20) = 20 TL
- Amount left to be paid = 100 - 60 - 20 = 20 TL.

Note1: By default, the Points Multiplier is set to 1, when a different number is entered (for example 2), the amount entered in Max Usable Points field will be multiplied by 2. According to the above example, a total of 40 TL gift points will be given.

*Note2: According to the above example, if the user wants to use 10 points instead of 60 website points, only 10 points will be given as a gift ((Max Usable Points - Points desired to use) * Points Multiplier (1) = 10) = 10 TL.*

Note3: For further details please contact with your project manager.

GUEST CHECKOUT ORDER CANCELLATION AND REFUND IN THE API (MOBILE APPLICATION)

In addition to guest checkout option added to the API previously, cancellation and refund options are also added to guest checkout same as on the website.

Guest checkout process in the API;

The user will be stored in the system as a guest using `isGuest: "true"` parameter found in `createUser` and `createAddress` methods. `getOrderTracking` method will be used to allow the user track their order.

With the new development using `getOrderTracking` method, the user will be able to view their own order and see the cancellation and return options in the relevant order's detail screen.

Added a new parameter called as `guestQueryKey` to ensure that the user will be able to request order cancellation and refund even if the user is not registered as a member. Provided the security with this parameter, the user will be able to continue the process after entering the cancellation or return reasons.

POST /v3/Order/getOrderTracking

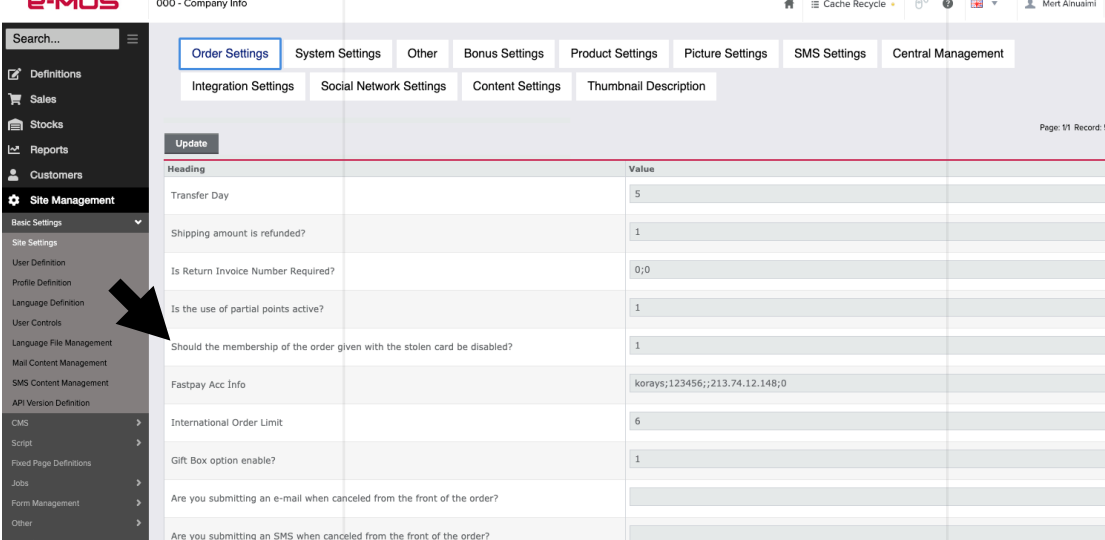
Response Class (Status 200)
OK

Model	Example Value
	<pre>"cargoName": "string", "bankName": "string", "vat": 0, "vatExcludingTotal": 0, "addressUpdateFlag": true, "isCancellable": true, "isReturnOrder": true, "guestQueryKey": "string", "agreement1Html": "string", "agreement2Html": "string", "shipAddressText": "string",</pre>

Response Content Type: application/json

DISABLING THE MEMBERSHIP OF A USER WHEN USING A STOLEN CARD TO PLACE AN ORDER

Disabling the membership of users using a stolen card when placing an order is now controlled with a new field added to Order Settings.



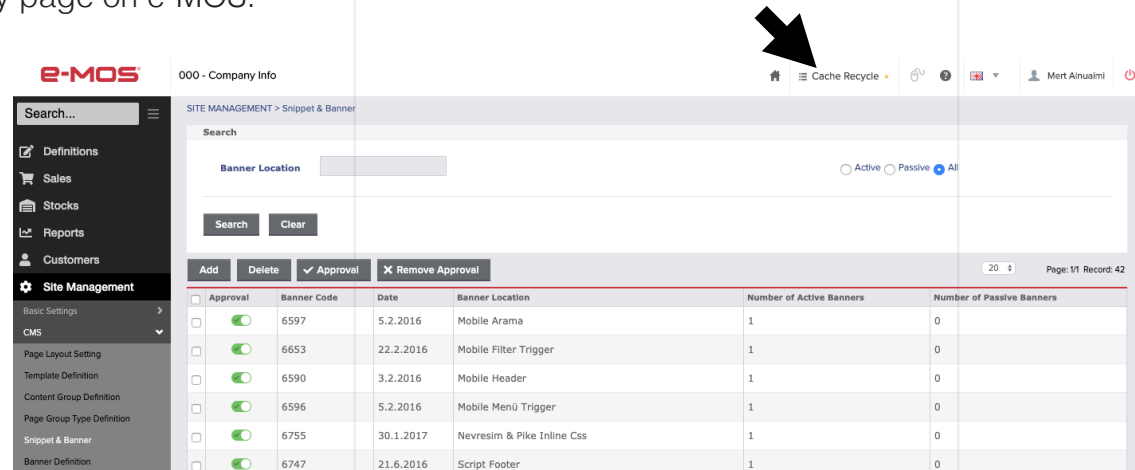
The screenshot shows the E-MOS system settings interface. The 'Order Settings' tab is selected. A new field, 'Should the membership of the order given with the stolen card be disabled?', is highlighted with a black arrow. The field is currently set to '1'.

Heading	Value
Transfer Day	5
Shipping amount is refunded?	1
Is Return Invoice Number Required?	0/0
Is the use of partial points active?	1
Should the membership of the order given with the stolen card be disabled?	1
Fastpay Acc Info	korays;123456;;213.74.12.148;0
International Order Limit	6
Gift Box option enable?	1
Are you submitting an e-mail when canceled from the front of the order?	
Are you submitting an SMS when canceled from the front of the order?	

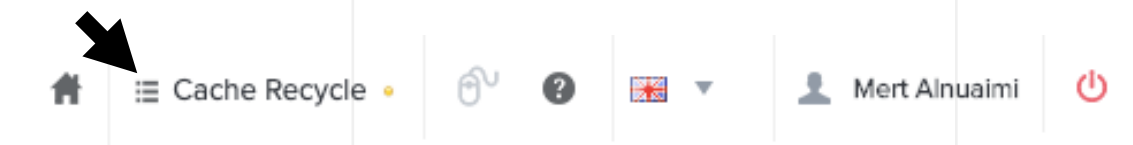
As before by default this field in all of our projects will be set to "1". If otherwise requested to not disable a user's membership when using a stolen card then this field must be set to "0".

CACHE RECYCLE BUTTON RELOCATION AND CACHE MONITOR PAGE

The cache recycle button could only be used on the main page of e-MOS admin panel. To be able to have access to it from all pages we have moved this button to the header. This way, you can easily access the Cache Recycle button from any page on e-MOS.



At the same time, to display whether cache has been recycled after clicking the button we have added a link to “Server Cache Monitor” page where cache recycle status can be seen.



Clicking this button will open the cache status page as follows;

Server Cache Monitor

Server Name: **WIN-4FJRK4OC73P**, Checkpoint Id: **EA806857-6CC1-455F-9A63-632ABFC69422**

Total Cached Object: **46**, Total Elapsed Time: **1361ms**

Distributed-cache > Status: **Inactive**, Server: -

Status: **All caches are up-to-date.**

Show 10 entries

Created At	Cache Key	Type	Priority	Row Count	Load Time(ms)	Last Access At	Checkpoint Id	Data Source
1.11.2019 10:29:49	aspNetExpireMinute	[?]	50	1	5ms	1.11.2019 10:29:49	EA806857-6CC1-455F-9A63-632ABFC69422	Database
1.11.2019 10:29:49	fullEmsDataCache	[?]	50	2	1.02ms	1.11.2019 10:41:36	EA806857-6CC1-455F-9A63-632ABFC69422	Database
1.11.2019	fullContentDataCache	[?]	0	100	3.00ms	1.11.2019	EA806857-6CC1-455F-	Database

Not: When cache is cleared “All caches are up-to-date” will be displayed in status field. And if cache has not yet been cleared, “All caches are not up-to-date” will be displayed

COST AND COST DISCOUNT RATE IN PRODUCTS

Cost field;

To prevent the product price from falling below the cost price “Cost” field has been added to product card page. The amount entered in this field is considered as the cost price of the product and when new prices come from the integration, it will be compared with the retail price. Thus, the sale of products below the cost price will be prevented.

Maximum cost discount rate field;

To prevent the discount rate coming from the integration to fall below the cost rate “Maximum Cost Discount Rate” field is added to the product card page. If the discount rate coming from the integration is greater than the discount rate entered in this field then the price will not be updated. Thus, the sale of products above the determined maximum discount rate will be prevented.

Site Settings “Maximum Cost Discount Rate”;

The maximum cost discount rate field is also added to site settings to provide a general application. The difference between the field on product card page and the field in site settings is that if the field in site settings has a discount rate then it will be valid for all products on the website. In this case, if the discount rate coming from the integration is higher than the discount rate determined in this field the price of the products will not be updated.

The screenshot displays the E-MOS system's 'Ürün Ayarları' (Product Settings) section. The left sidebar shows the 'Site Yönetimi' (Site Management) menu item highlighted. The main content area shows a table of settings. The 'Maksimum Ürün Maliyet İndirim Oranı' (Maximum Product Cost Discount Rate) field is highlighted with a blue border and a value of 25. A black arrow points to the 'Site Yönetimi' menu item in the left sidebar.

Başlık	Değer
Onaysız Ürünün Detayına Gidilsin Mi?	0
Ürün Grubu Toplu Gösterilsin Mi?	0
Ürün Aramada Dökümanlar Listelensin Mi ?	0
Kıyasla Butonu Göster	
Maksimum Ürün Maliyet İndirim Oranı	25
Ürün Doküman Ayarları	0
Ürün Karşılaştır	4
Navigasyon Ayarları	0

Note: For our customers using marketplace module there has been no change in the current process they're already using. However, new rules on functioning have been added. They may consider using the new rules set as mentioned above. For further details please contact with your project manager.

IGNORING CACHE RECYCLE FOR UNAPPROVED PRODUCTS

The scope of this development is to perform cache clearing (when clicked on Cache Recycle button) for all data except unapproved products and to delete the output cache information of unapproved products after 7 days (or a different period of time) as it currently is.

With this development we have ensured that the cache information of unapproved products is not cleared together with the cache recycle button trigger so that the very costly queries to the database are not made for unapproved products. Thus, product pages (list, filters, detail), content pages, exports, fixed page definitions (rewrite, redirect) and service pages are to perform more efficiently especially in projects with a large number of unapproved products.

HAVE A GOOD DAY

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