TLP:CLEAR

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International Phishing Campaign Impersonating Postal Institutions: Analysis

Introduction:

This report presents the results of our latest CTI analysis of a particularly malicious phishing campaign targeting traditional mail users around the world. The campaign was characterized by sophistication and large scale, with attackers targeting countries such as Poland, Bolivia, Norway, Portugal, Kuwait, Estonia and many others.

The most disturbing aspect of this campaign was its specificity: the attackers impersonated various trusted postal institutions in order to mislead users and steal their cash. The criminals sent messages informing about alleged shipping problems, containing a link to a fake website. Users who clicked on the link were redirected to a page that looked identical to the real post office website, where they were asked to enter their payment card details.

Through our analysis, however, we were able to identify the infrastructure used by the attackers in this campaign, including server locations, domains and IP addresses. Moreover, we were able to uncover the administrative panels used by the attackers to monitor and manage their attacks. These discoveries have enabled us to gain a deeper understanding of the strategies and tactics used by the attackers, and have provided valuable information that can help counter such attacks in the future.

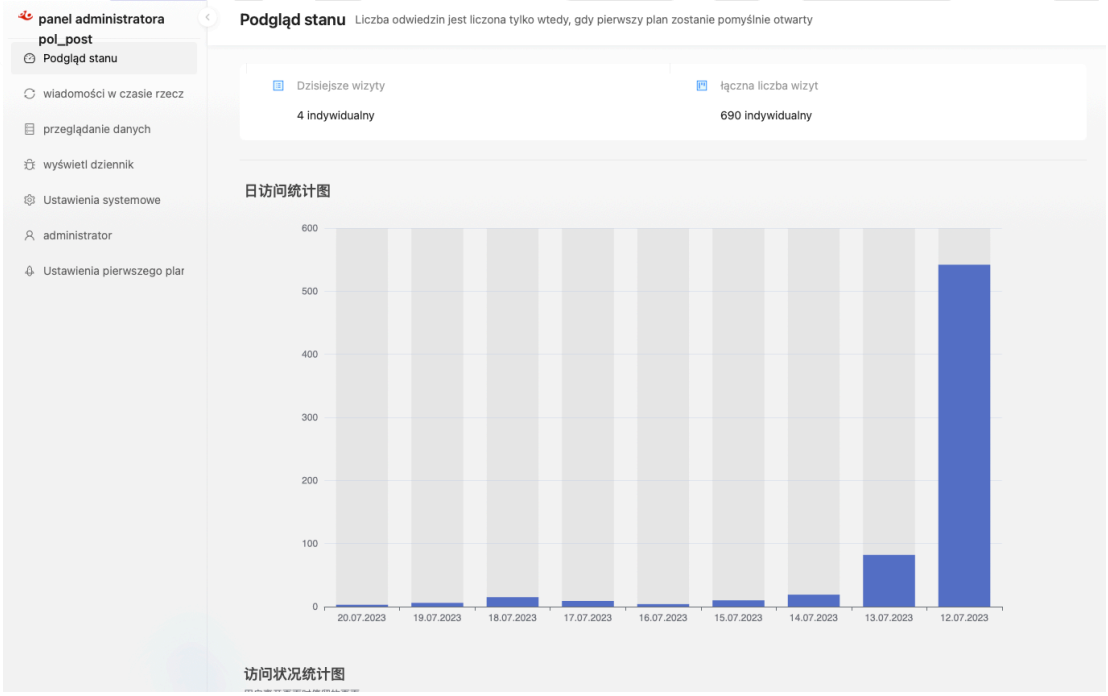

Figure 1 - Admin panel for a phishing campaign on: Post Office.

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Analysis:

Statistics:

The infrastructure used in the phishing campaign in question was complex and extensive, once again highlighting the elaborate nature of this type of attack. The attackers used a variety of domains and IP addresses, indicating the wide reach and complex nature of their operations.

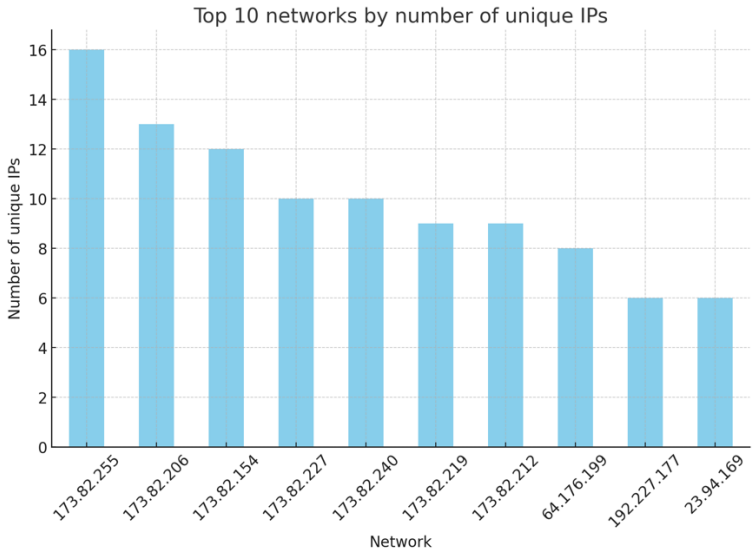

Figure 2 - Top 10 IP networks used in attacks.

Our analysis identified unique domains that were used as part of this campaign. Among them, domains with suffixes such as .top, .xyz, .buzz were particularly common, which may suggest the attackers' preference for specific types of domains.

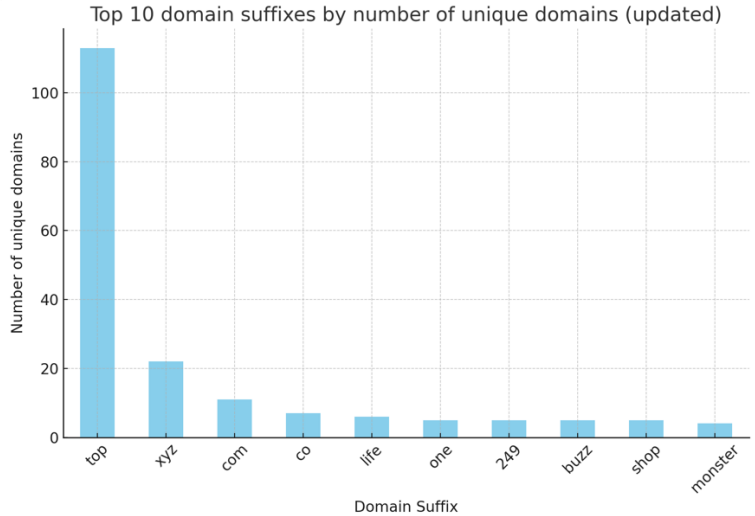

Figure 3 - Top 10 domains used in attacks.

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In addition, thanks to the ASN information, we were able to identify organizations that were often used as launching points for attacks. These organizations came from different countries, which shows how global the scope of this campaign was.

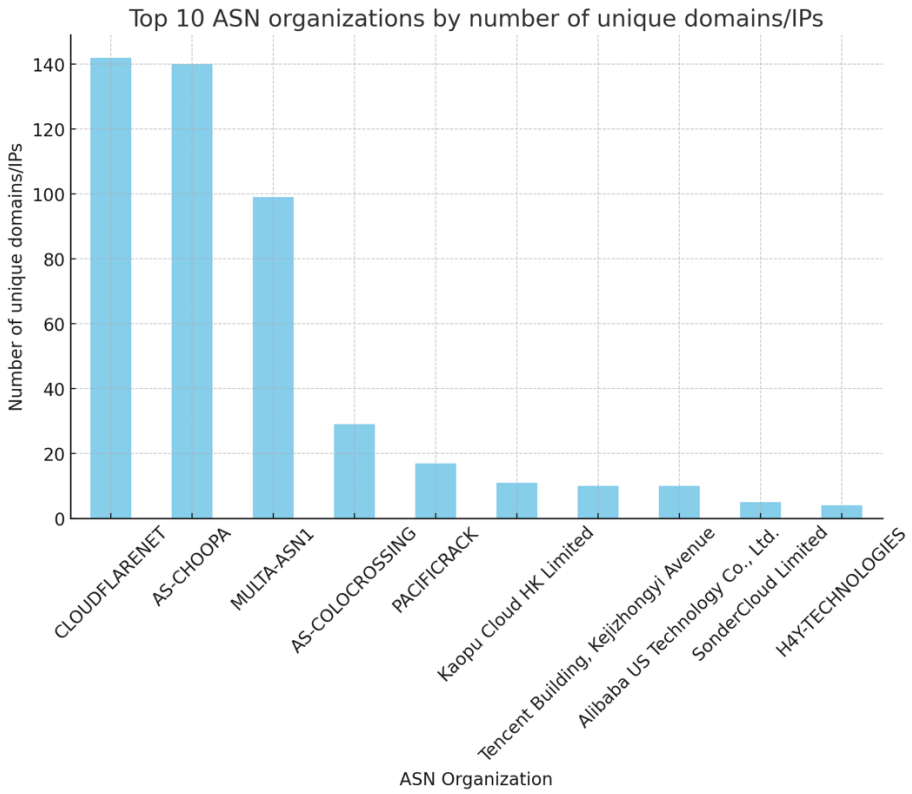

Figure 4 - Top 10 ASNs used in attacks.

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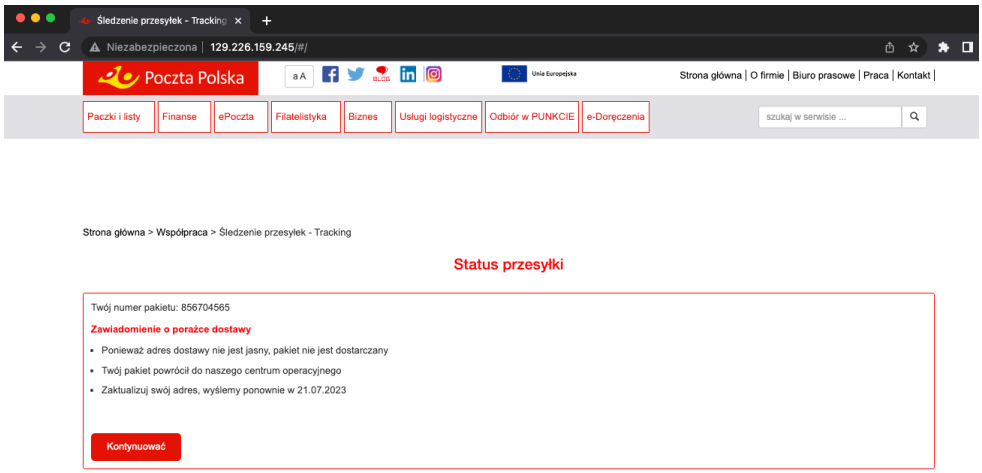
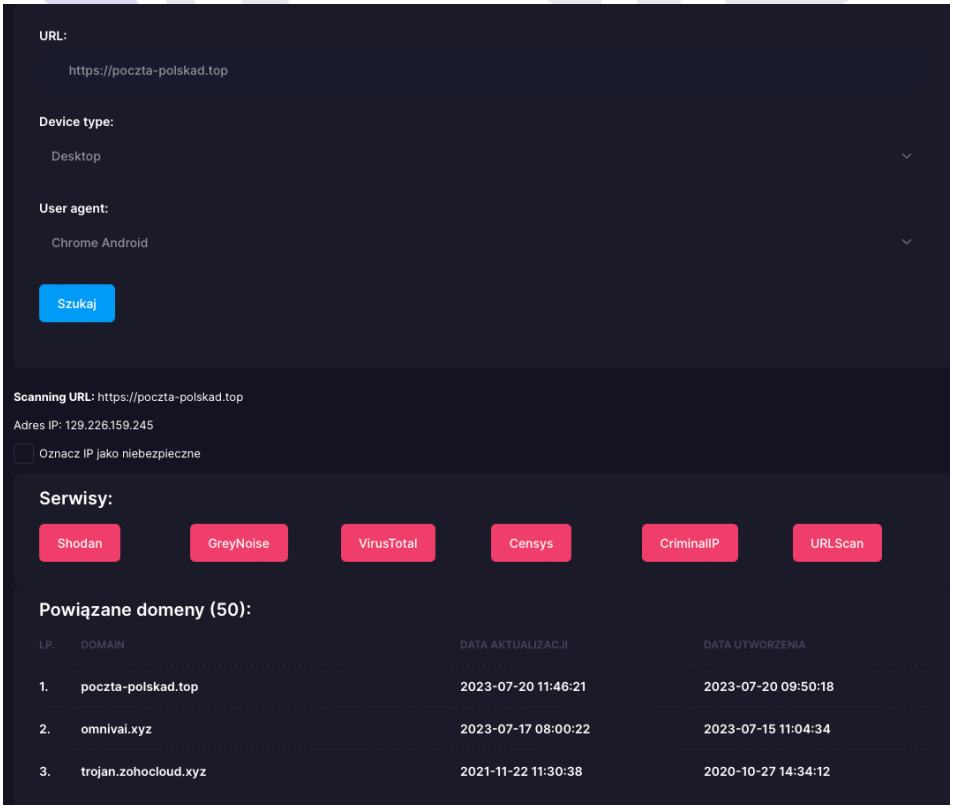
Infrastructure tracking:

The address of the fake site impersonating the Polish Post Office: *poczta-polskad[.]top*
IP address: *129.226.159[.]245*
mmh3 favicon hash: *1797175259*



Passive DNS:

- postal-polskad[.]top
- omnivai[.]xyz
- trojan.zohocloud[.]xyz



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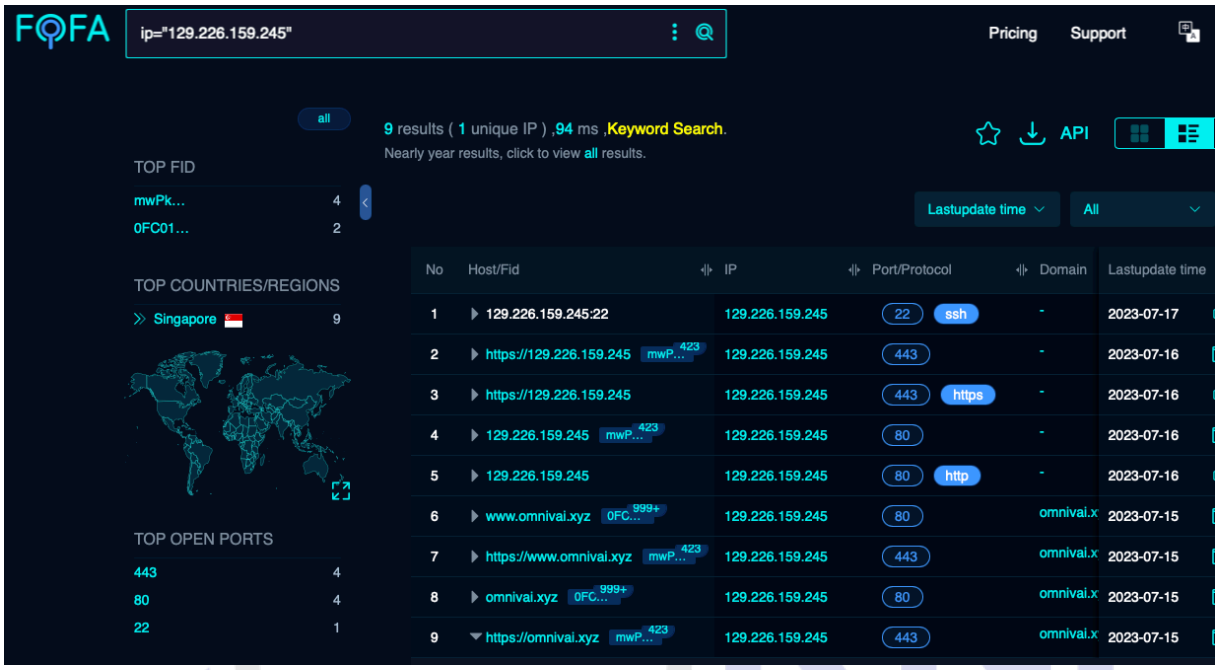
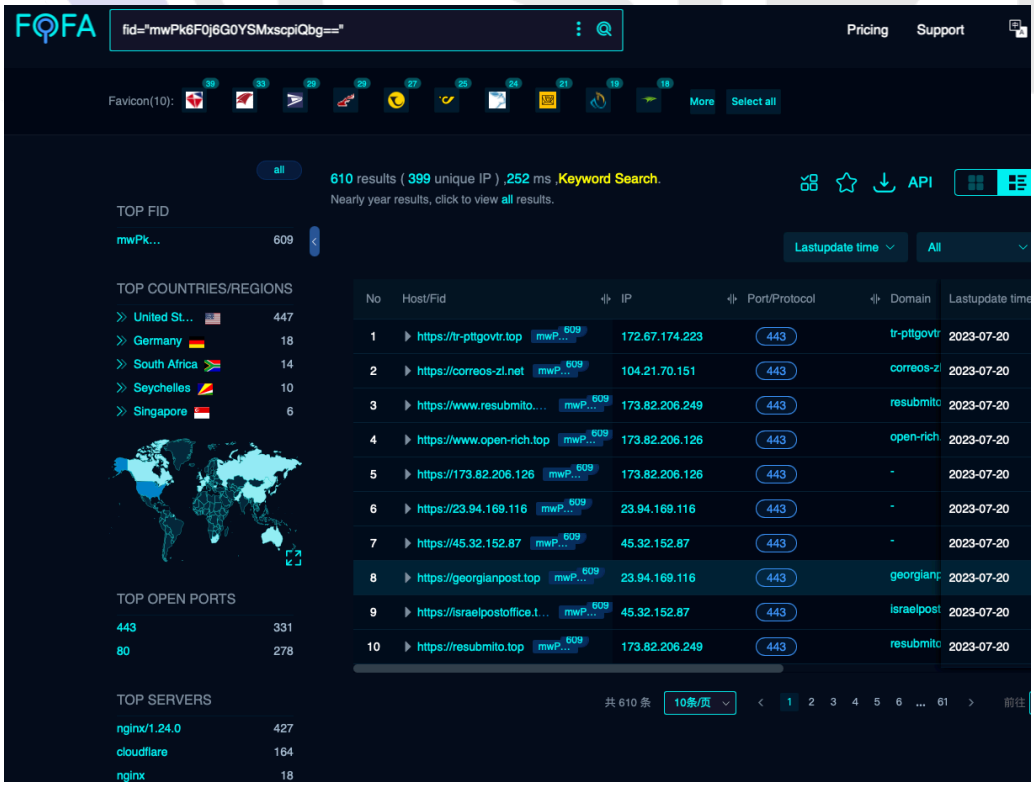
FOFA.info:
Query: ip="129.226.159.245"



FOFA.info FID:
Query: fid="mwPk6F0j6G0YSMxscpiQbg=="



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Favicon:

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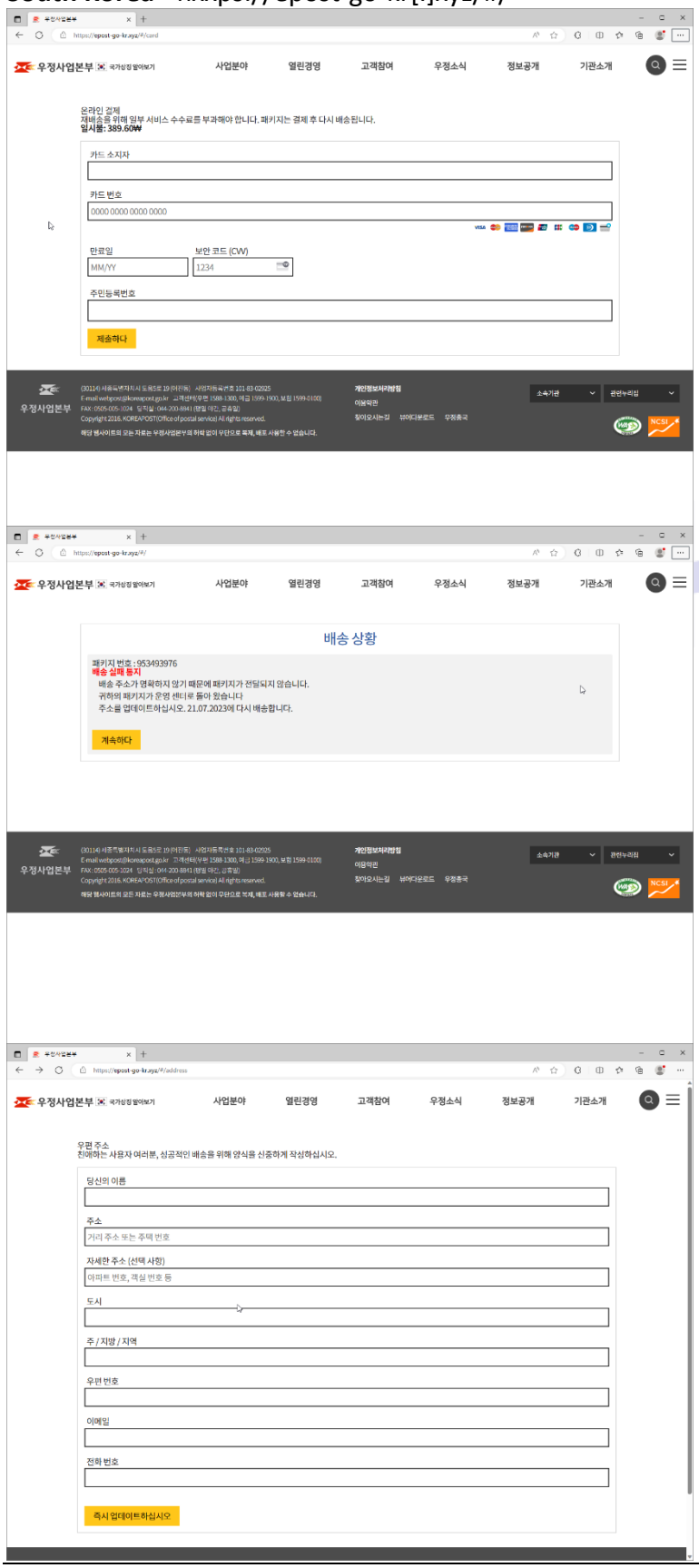
Identified and active phishing sites as of 20.07.2023:

South Korea - hxxps://epost-go-kr[.]xyz/#/



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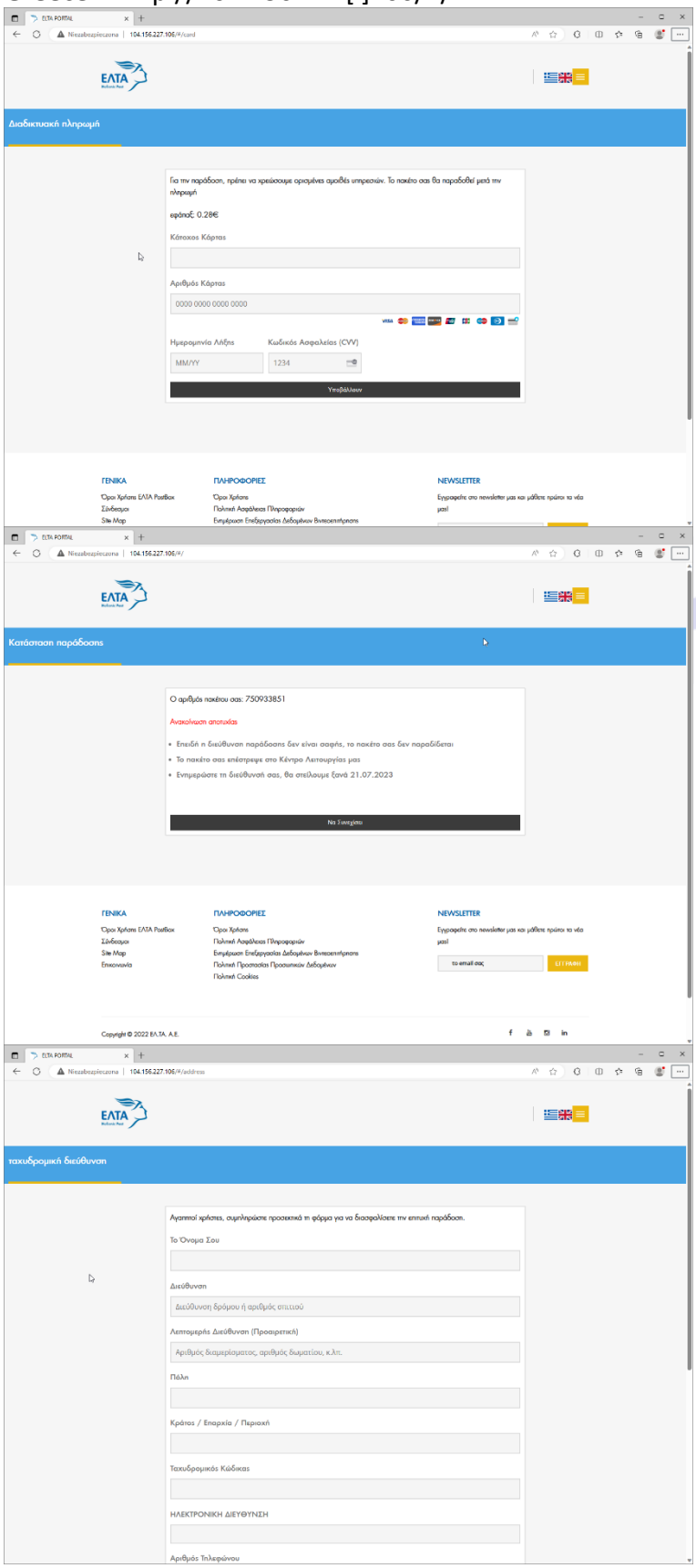
Greece - hxxp://104.156.227[.]106/#/.



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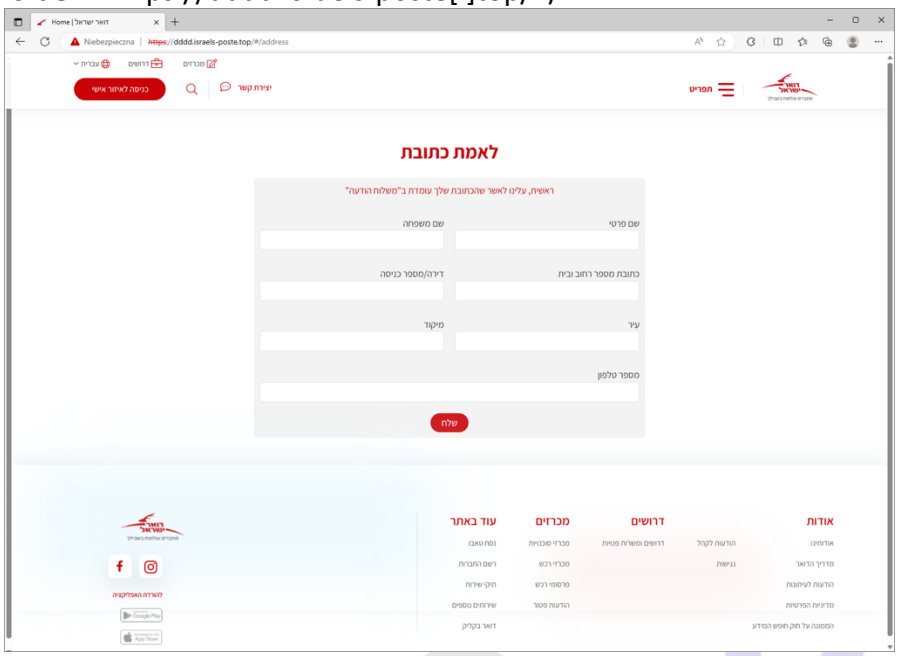
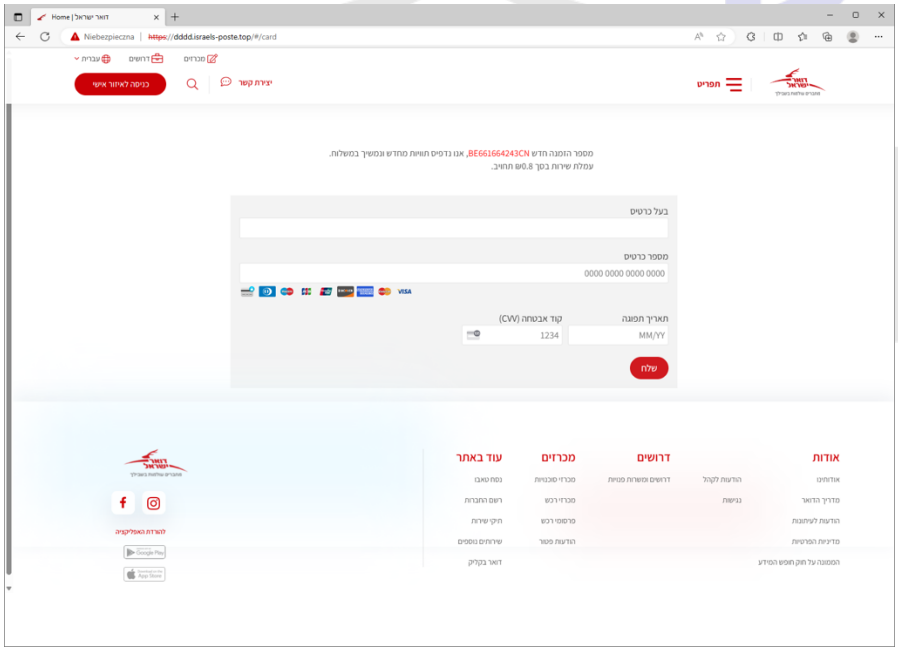
Israel - hxxps://dddd.israels-poste[.]top/#/





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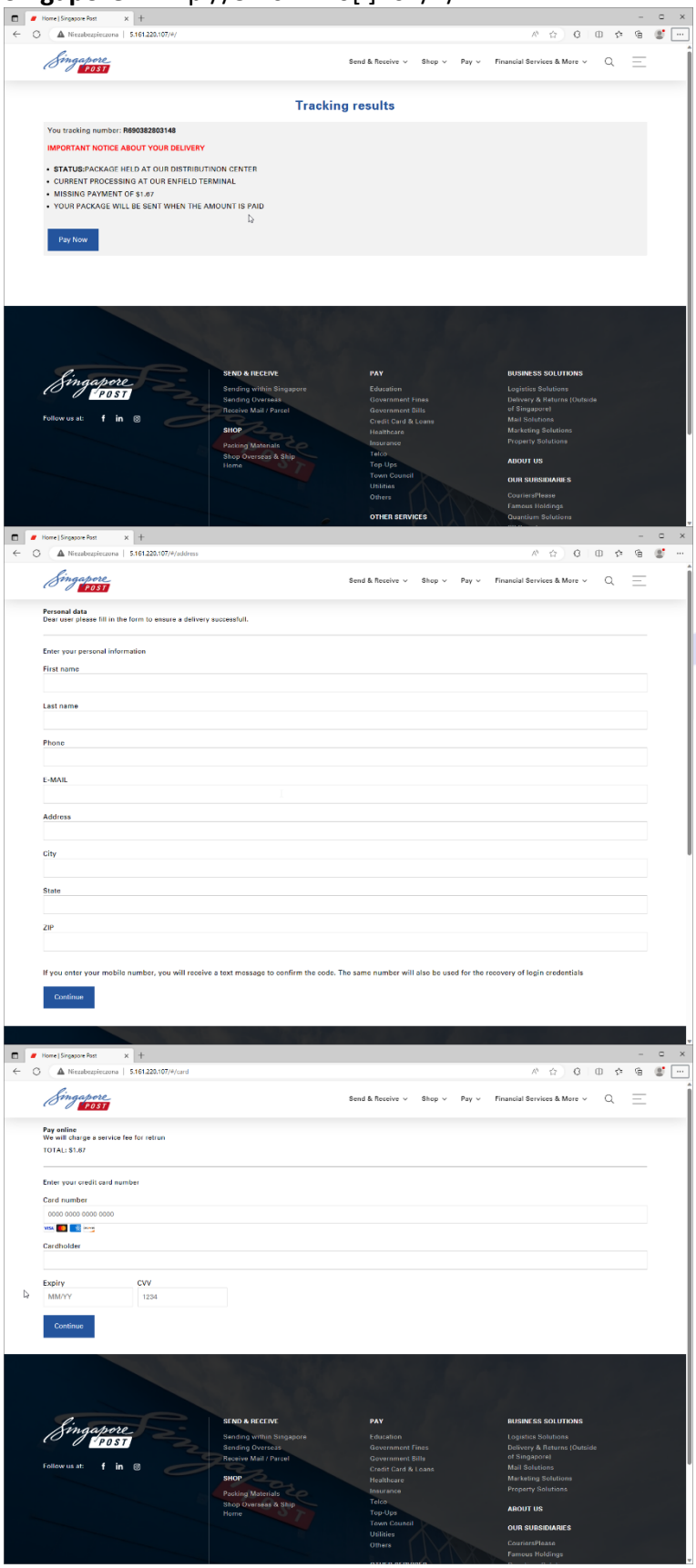
Singapore - hxxp://5.161.220[.]107/#/



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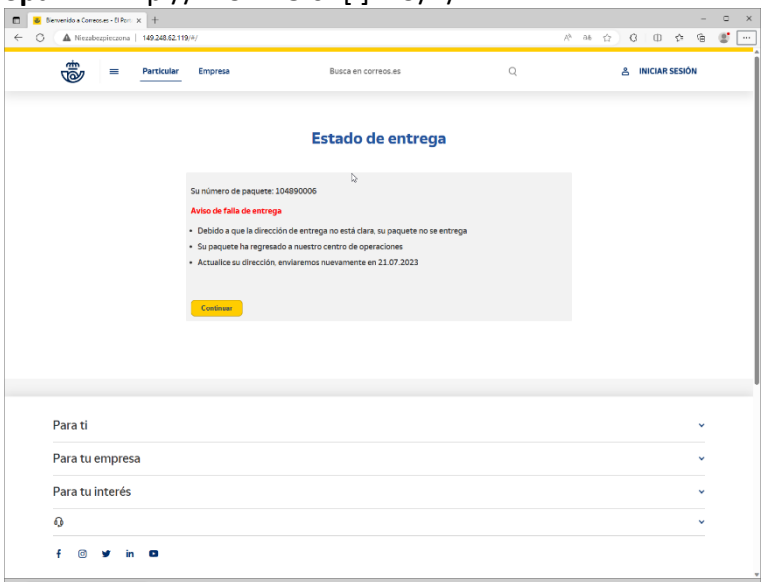
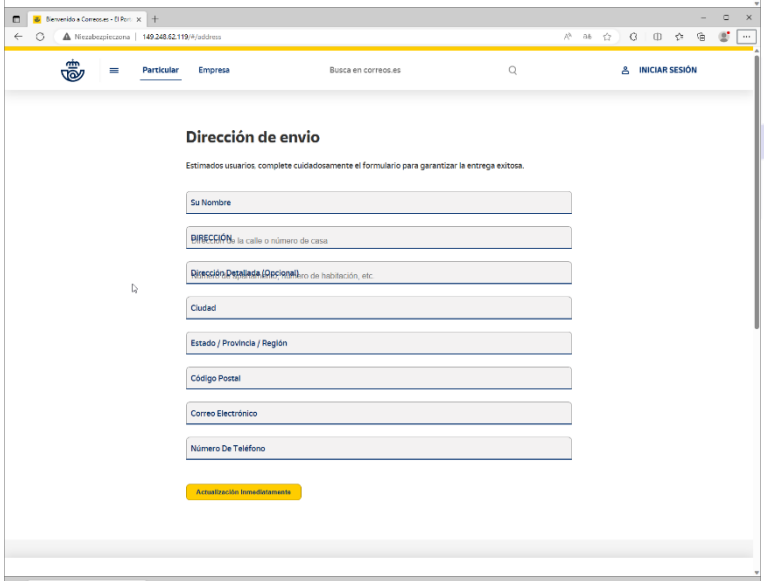
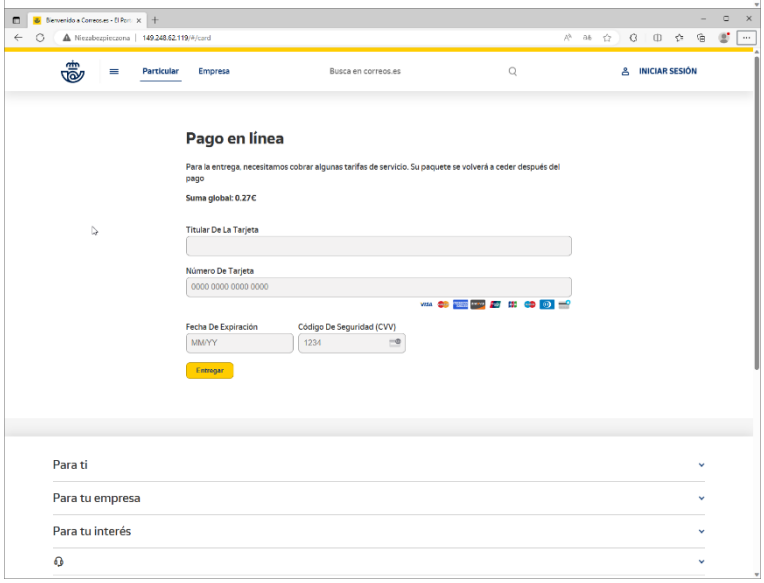
Spain - hxxp://149.248.62[.]119/#/.







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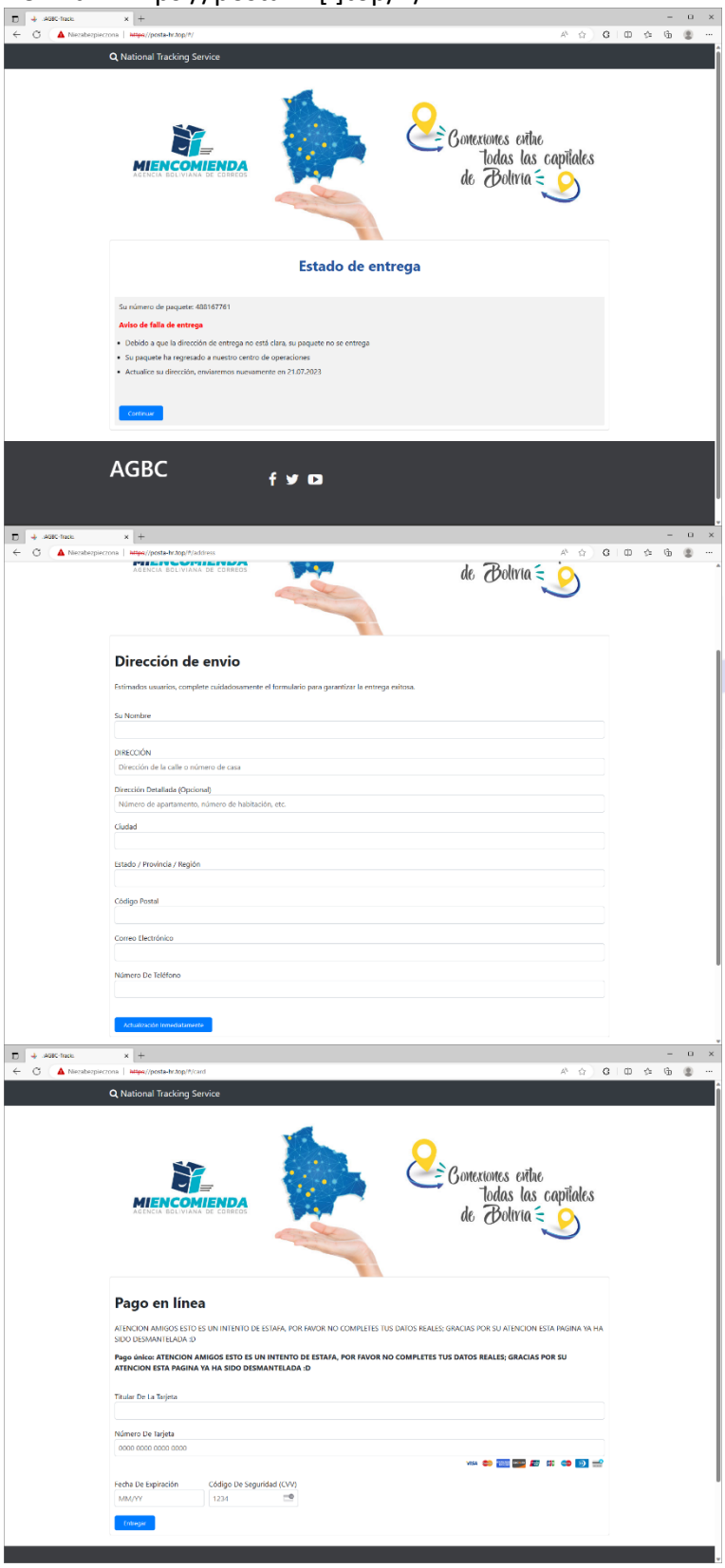
Bolivia - hxxps://posta-hr[.]top/#/



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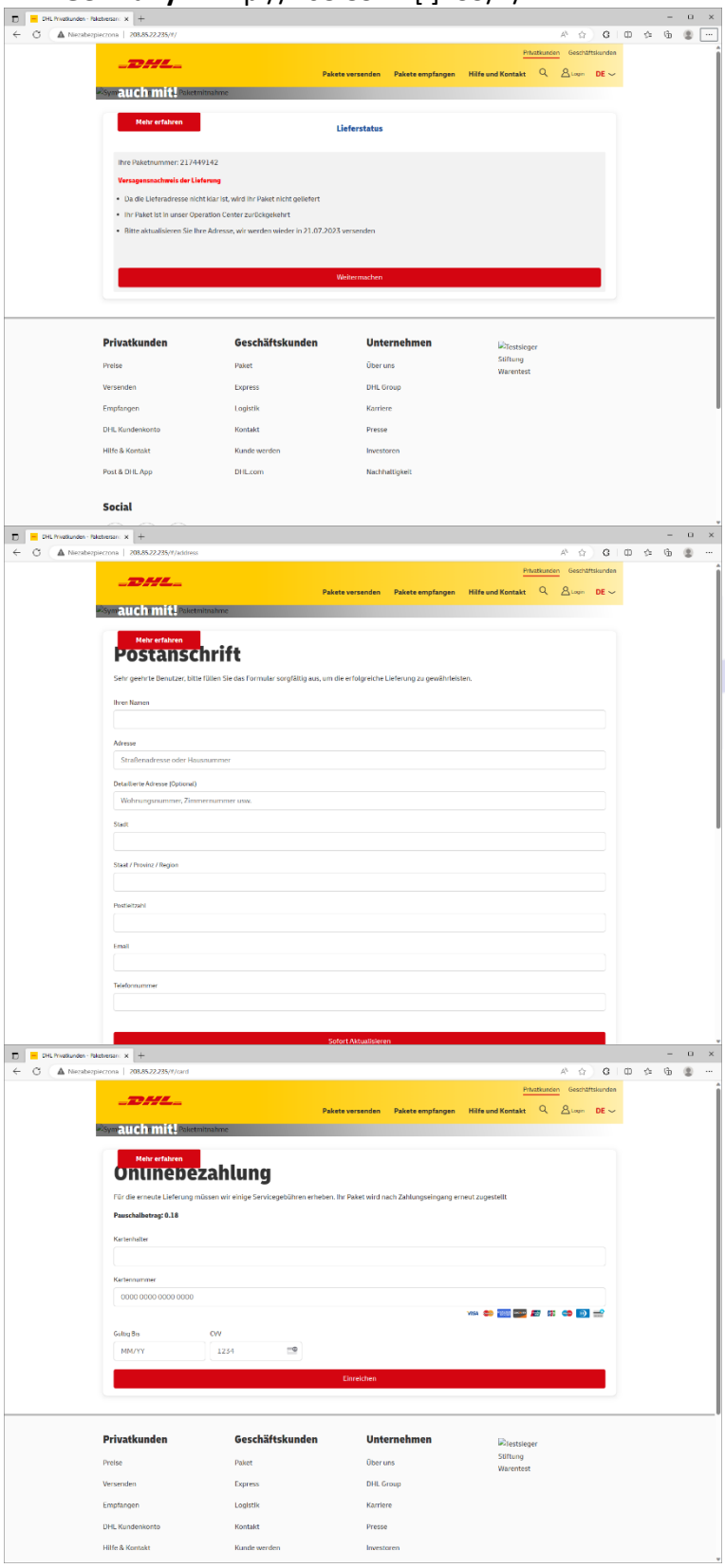
DHL Germany - hxxp://208.85.22[.]235/#/



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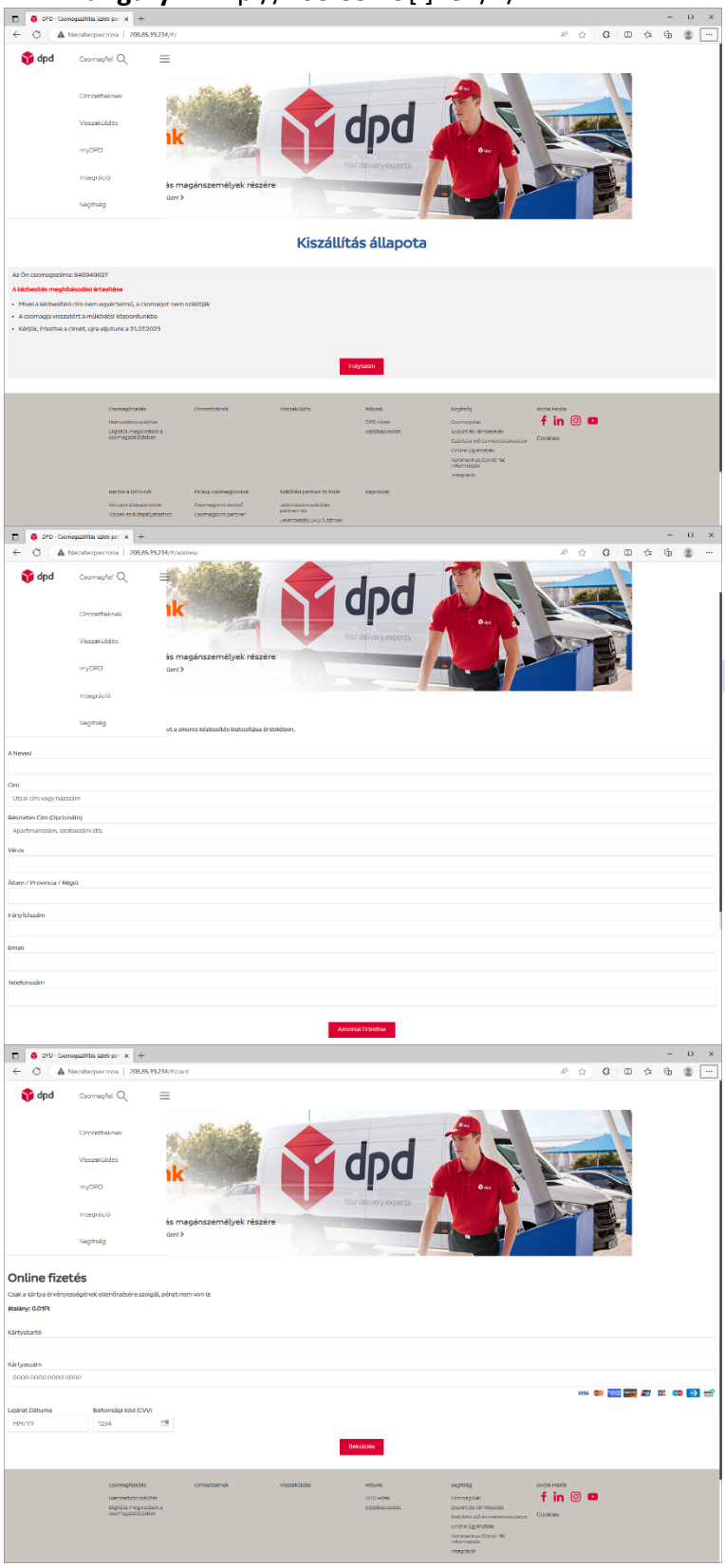
DPD Hungary - hxxp://208.85.19[.]234/#/.



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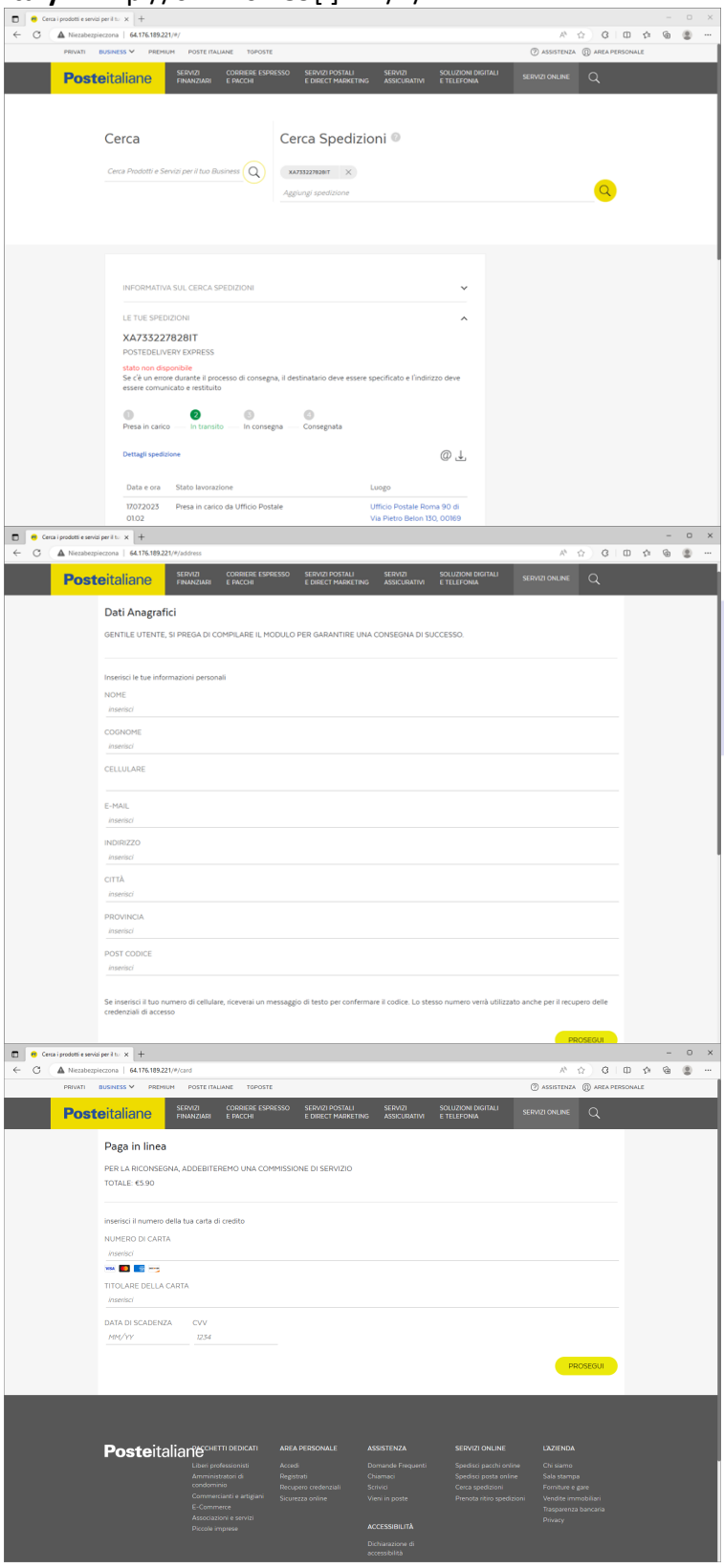
Italy - hxxp://64.176.189[.]221/#/



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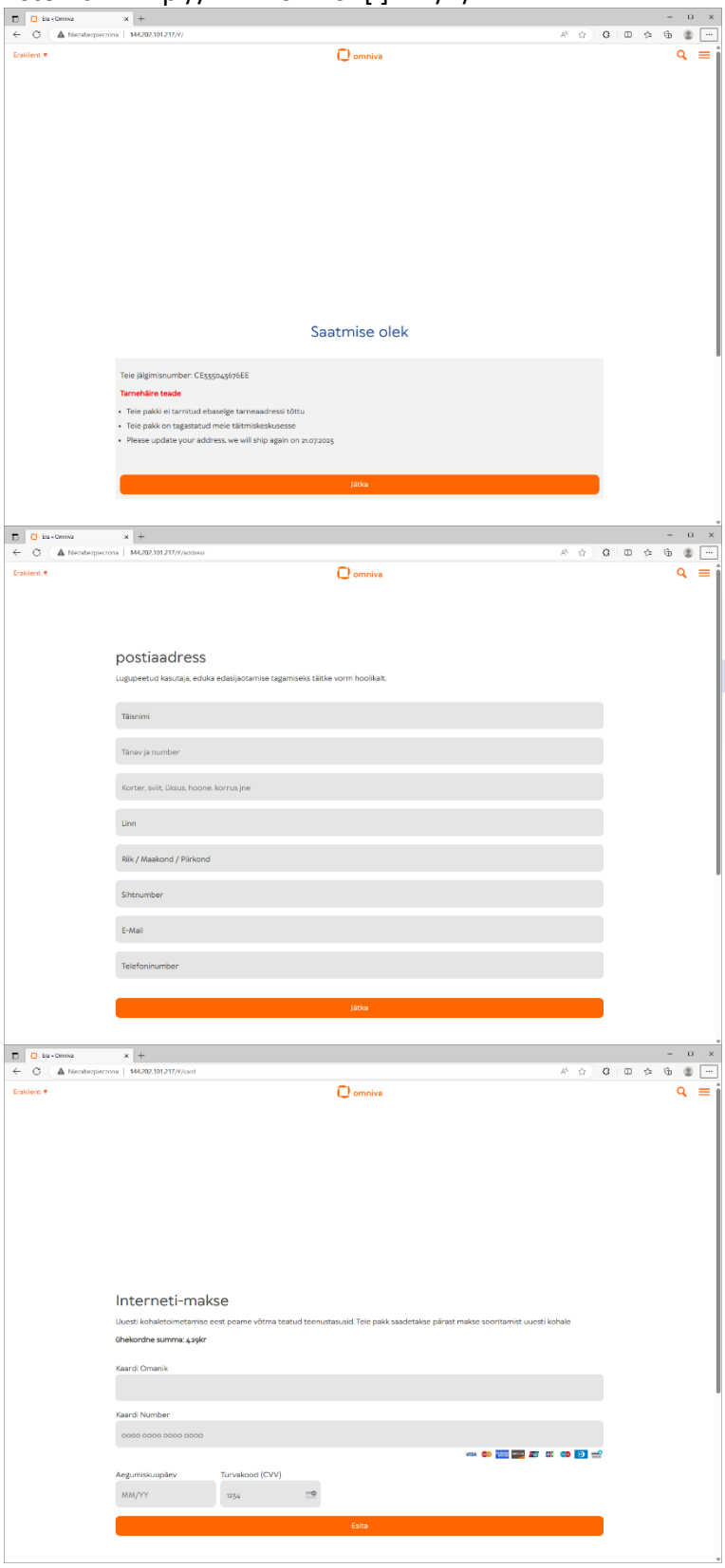
Estonia - hxxp://144.202.101[.]217/#/.



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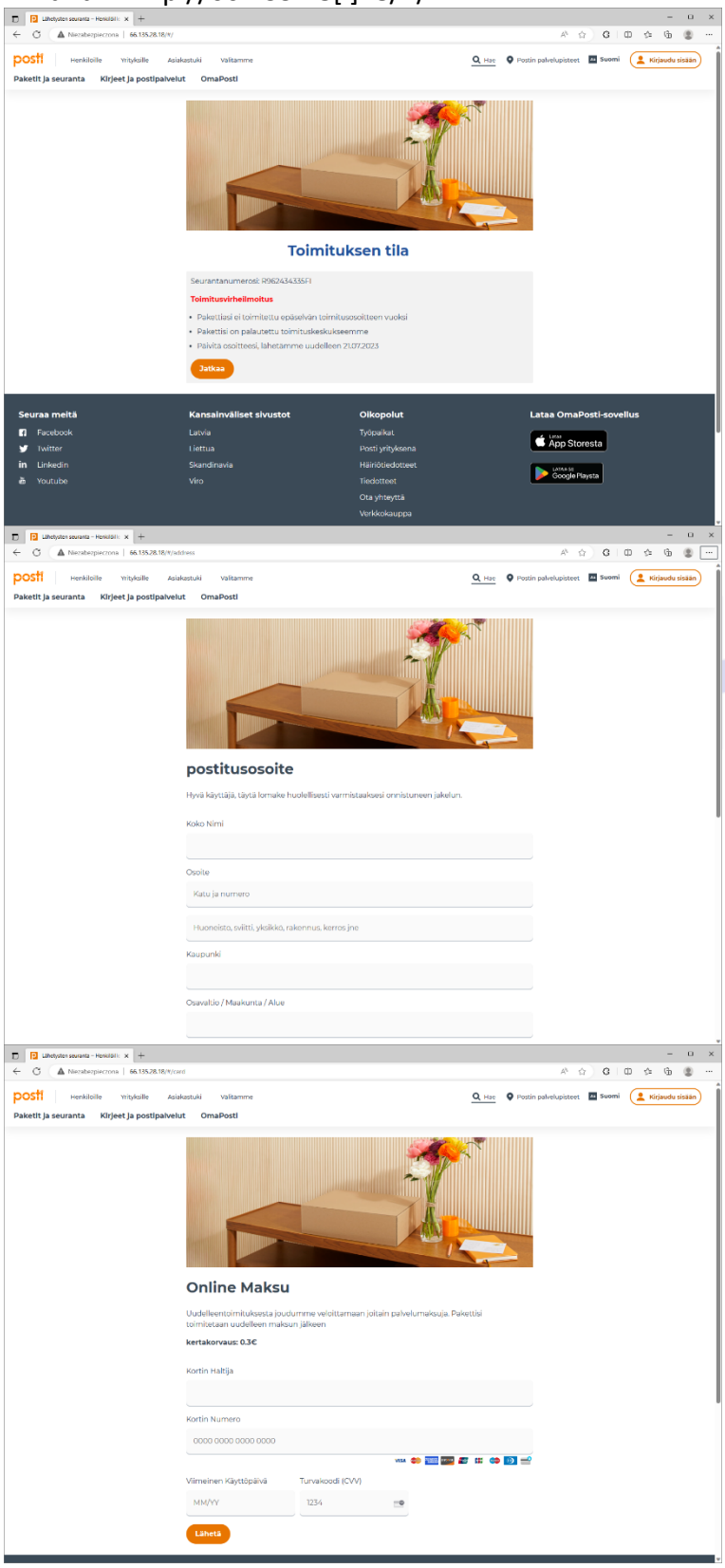
Finland - hxxp://66.135.28[.]18/#/



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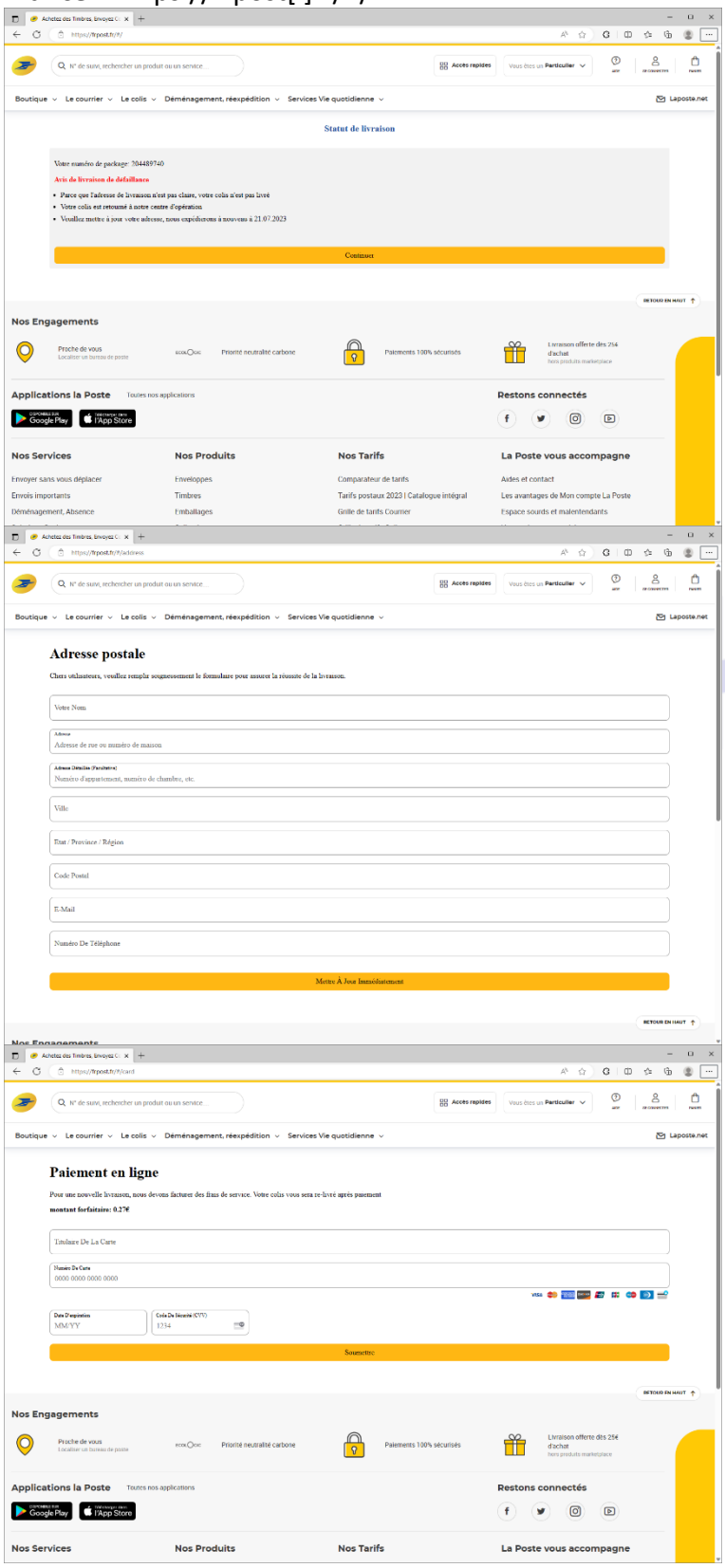

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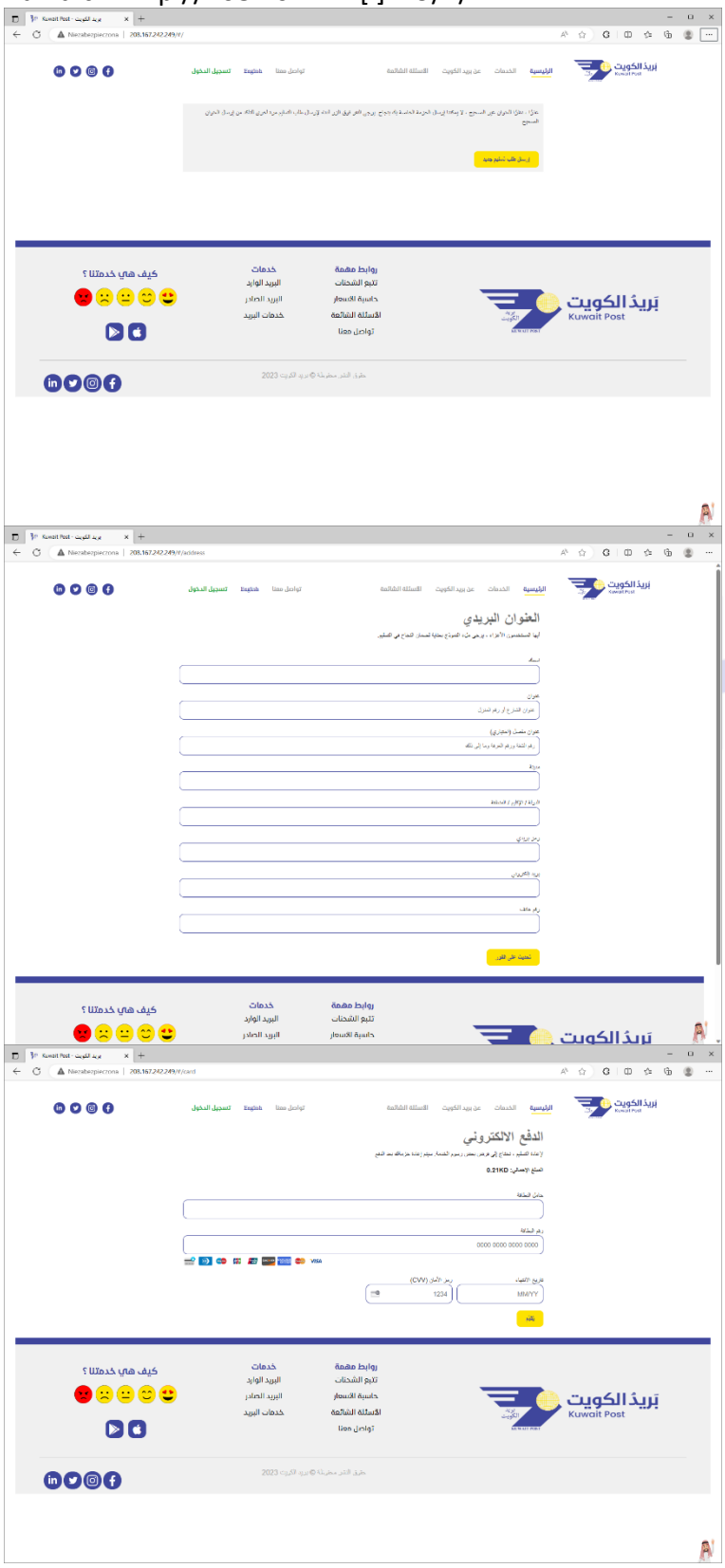

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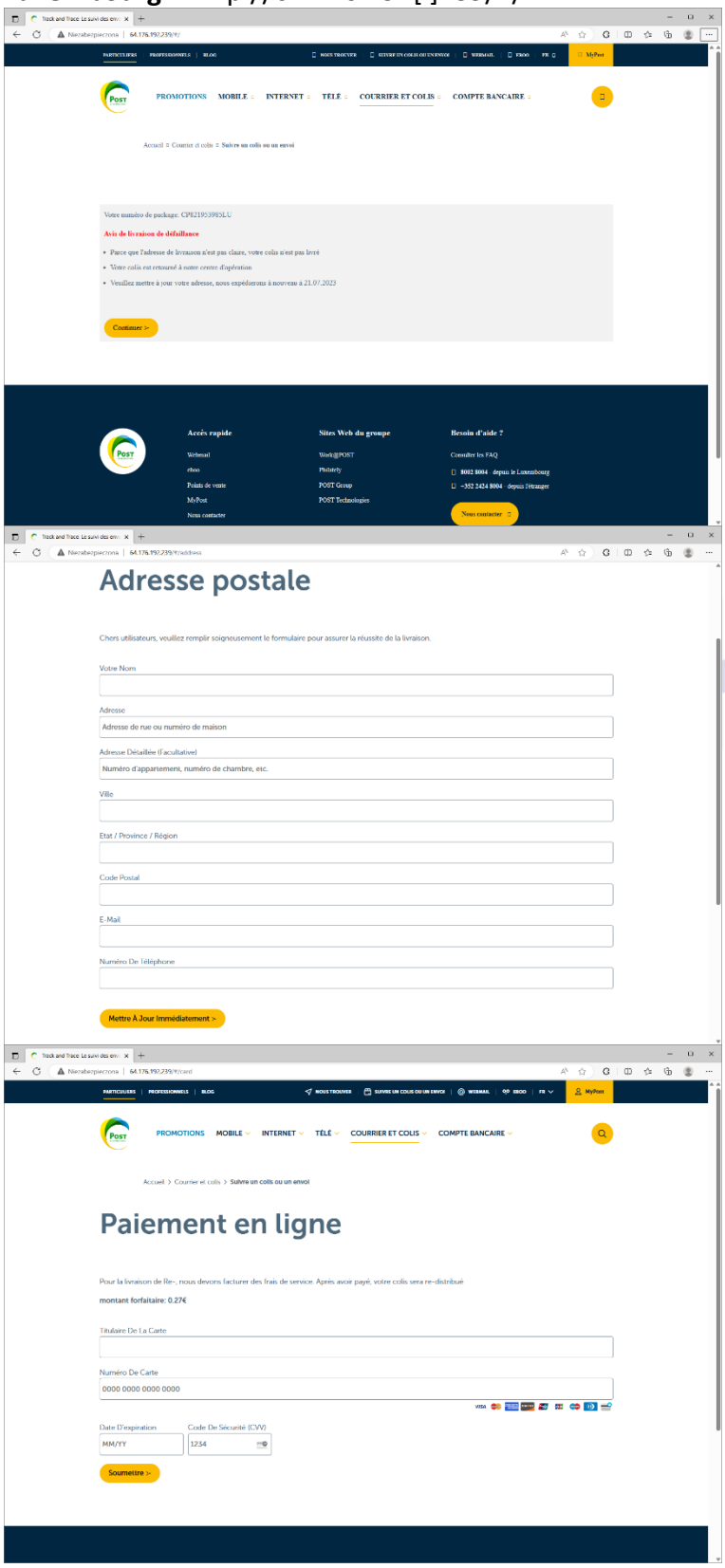

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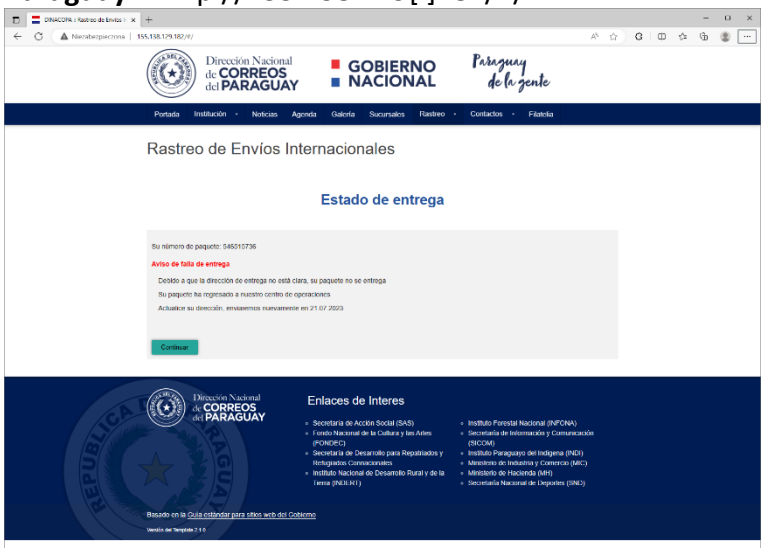

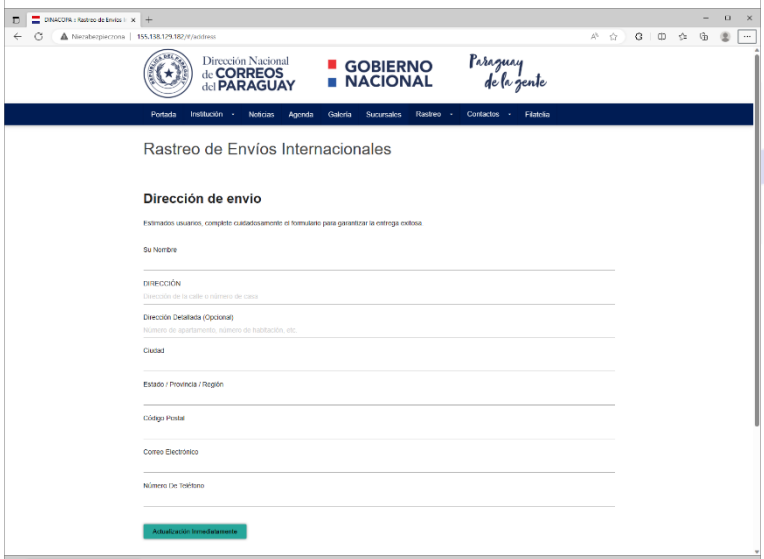

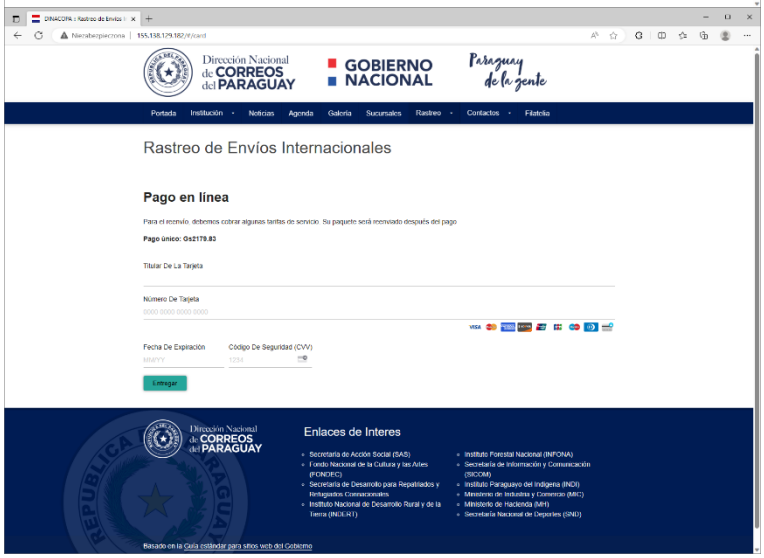

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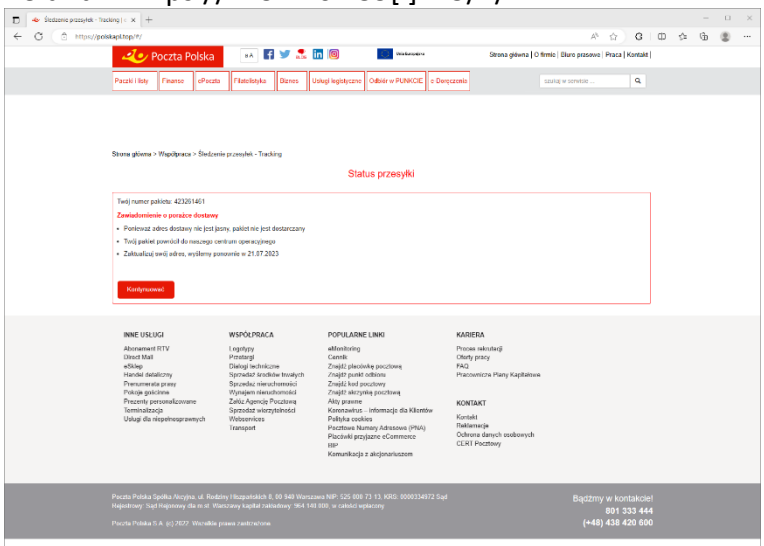

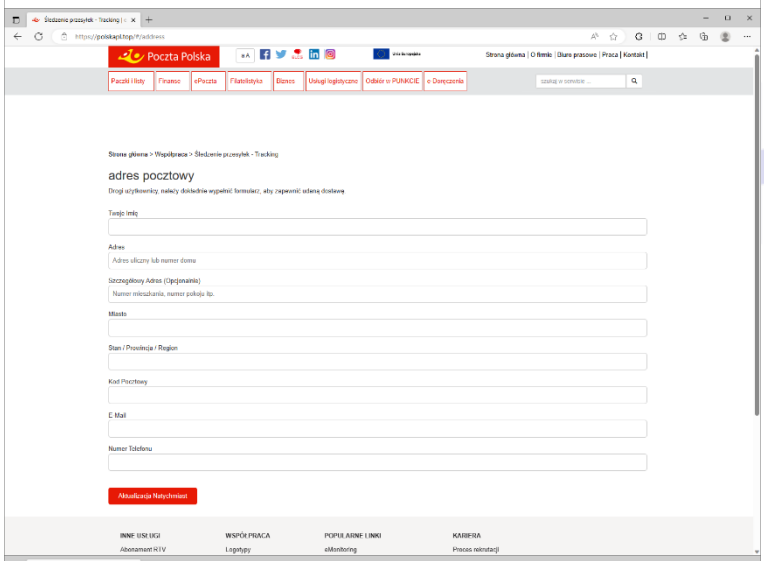

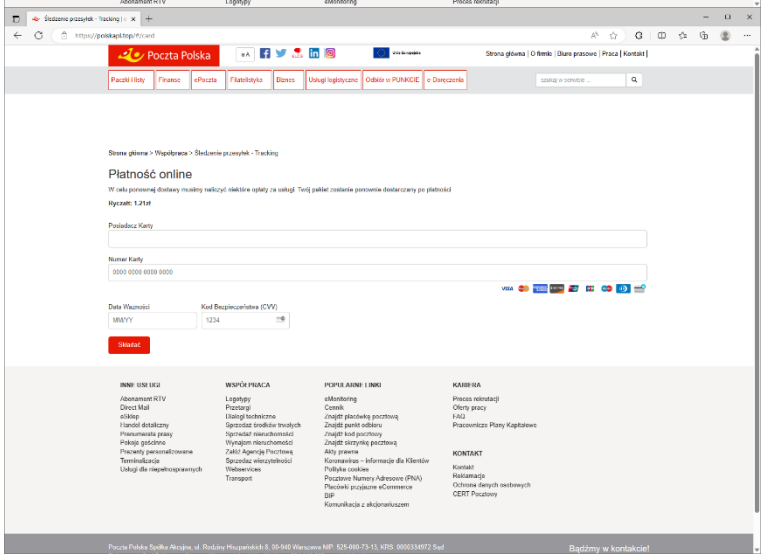

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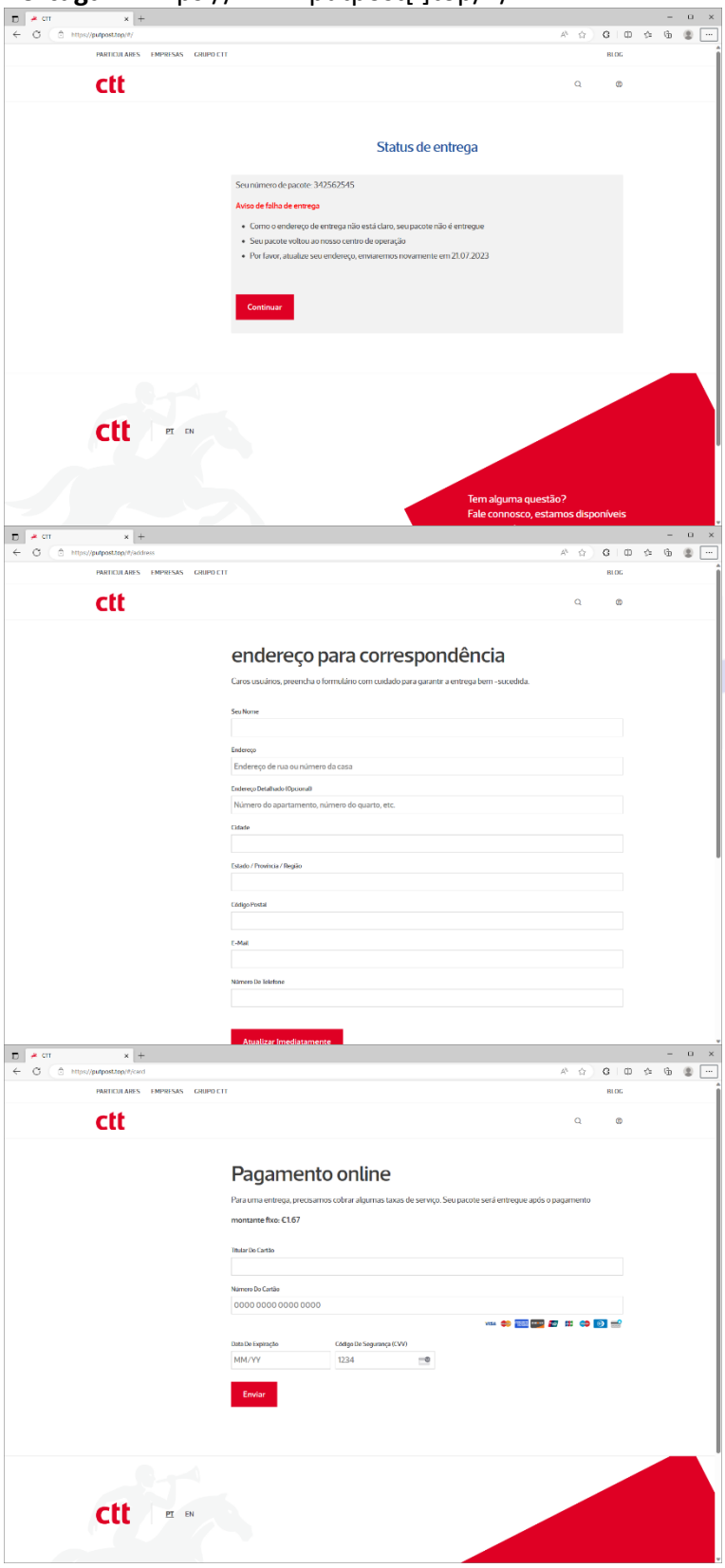

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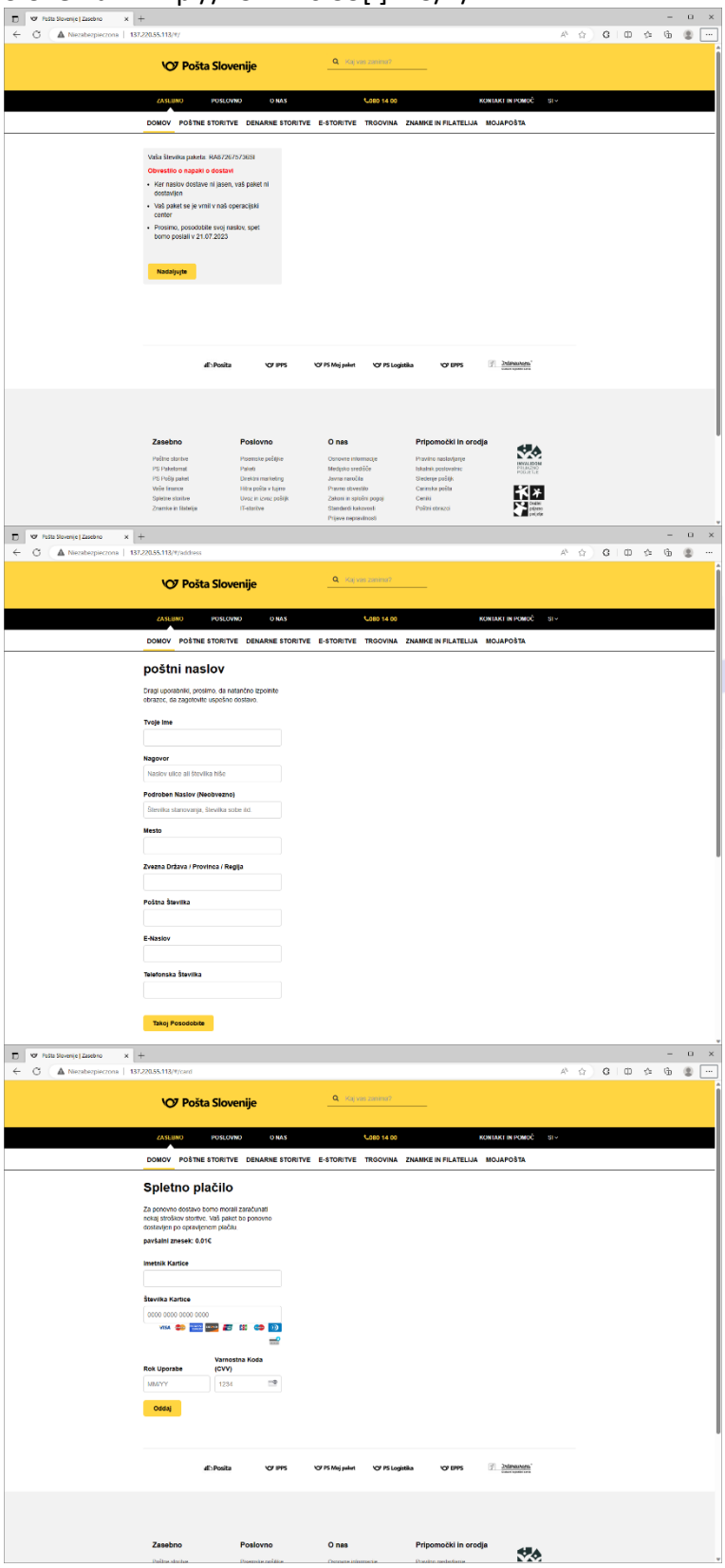

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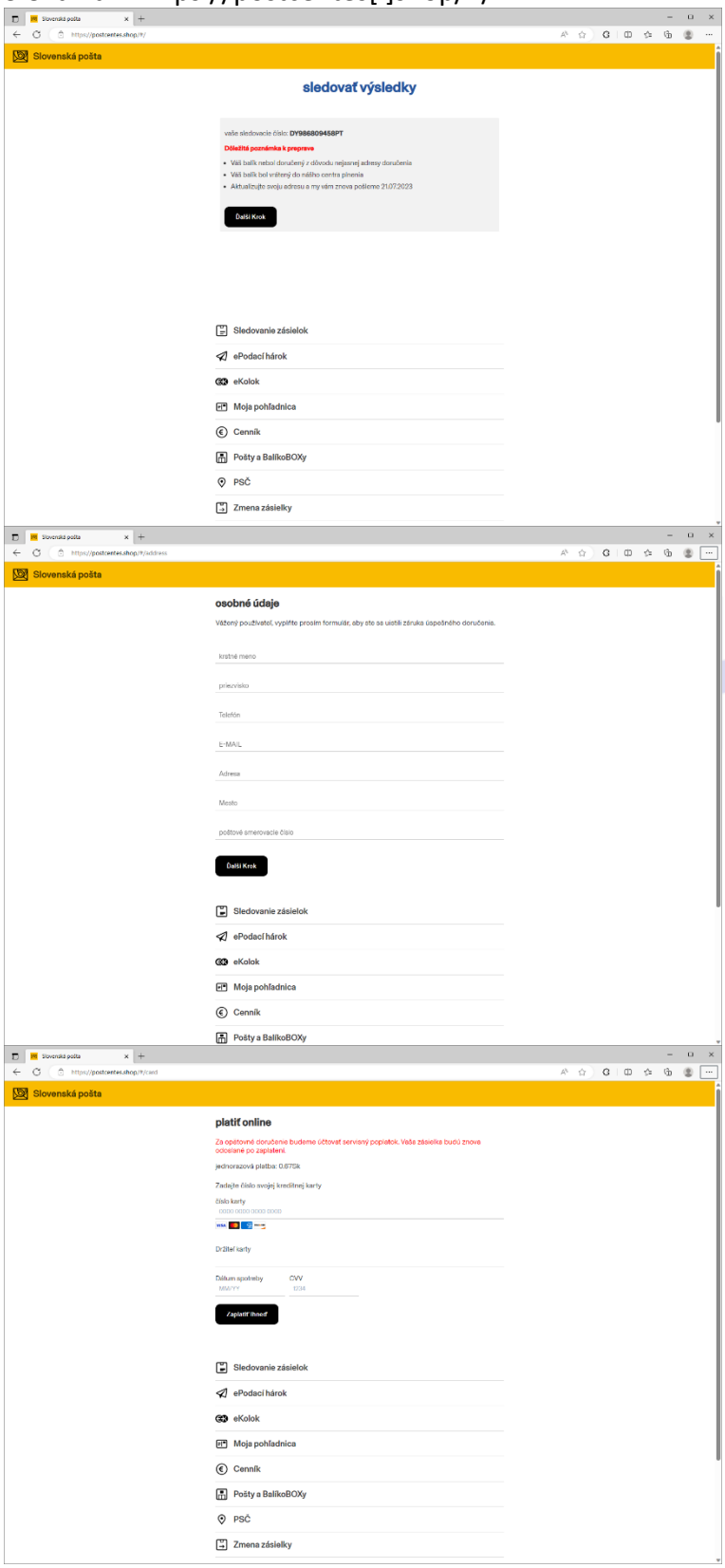
Slovakia - hxxps://postcentes[.]shop/#/



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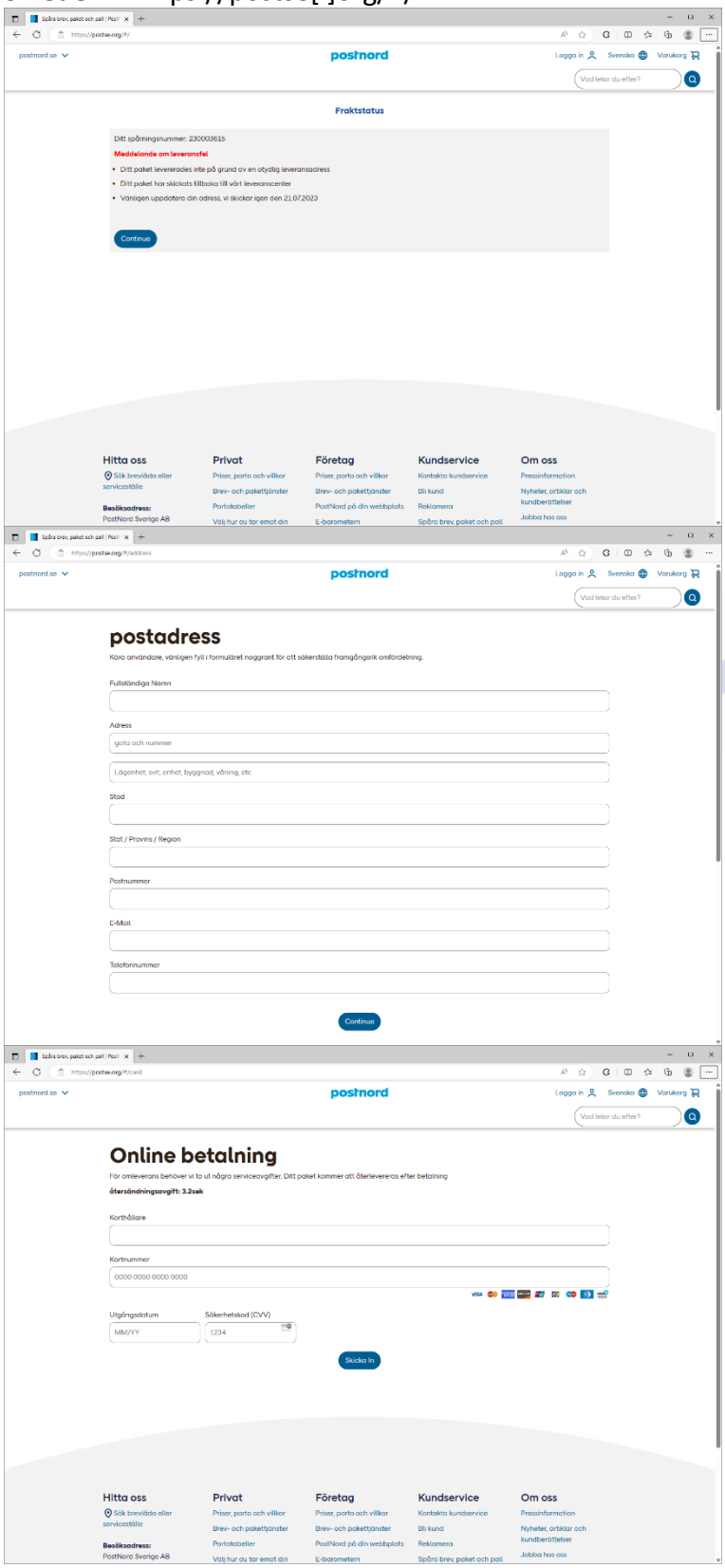
Sweden - hxxps://postse[.]org/#/



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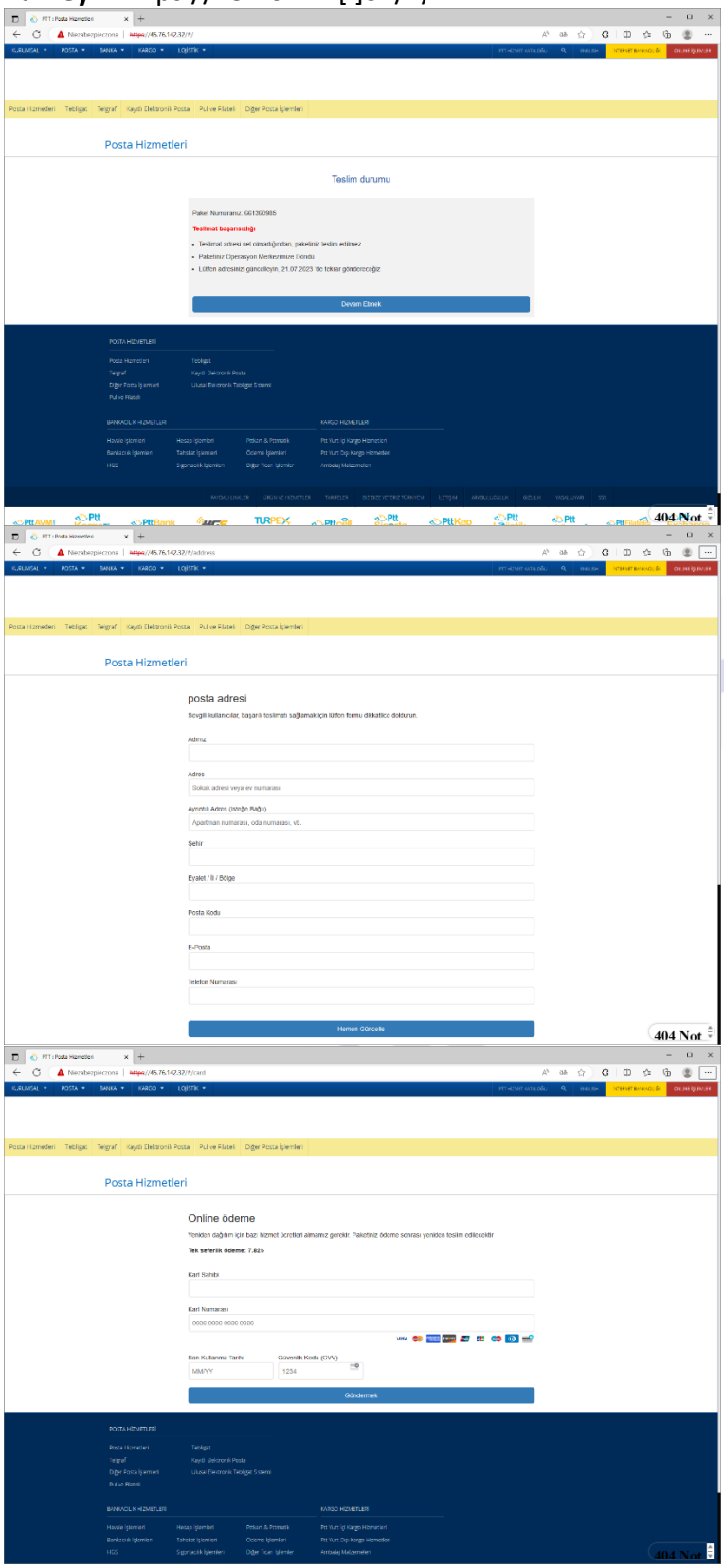

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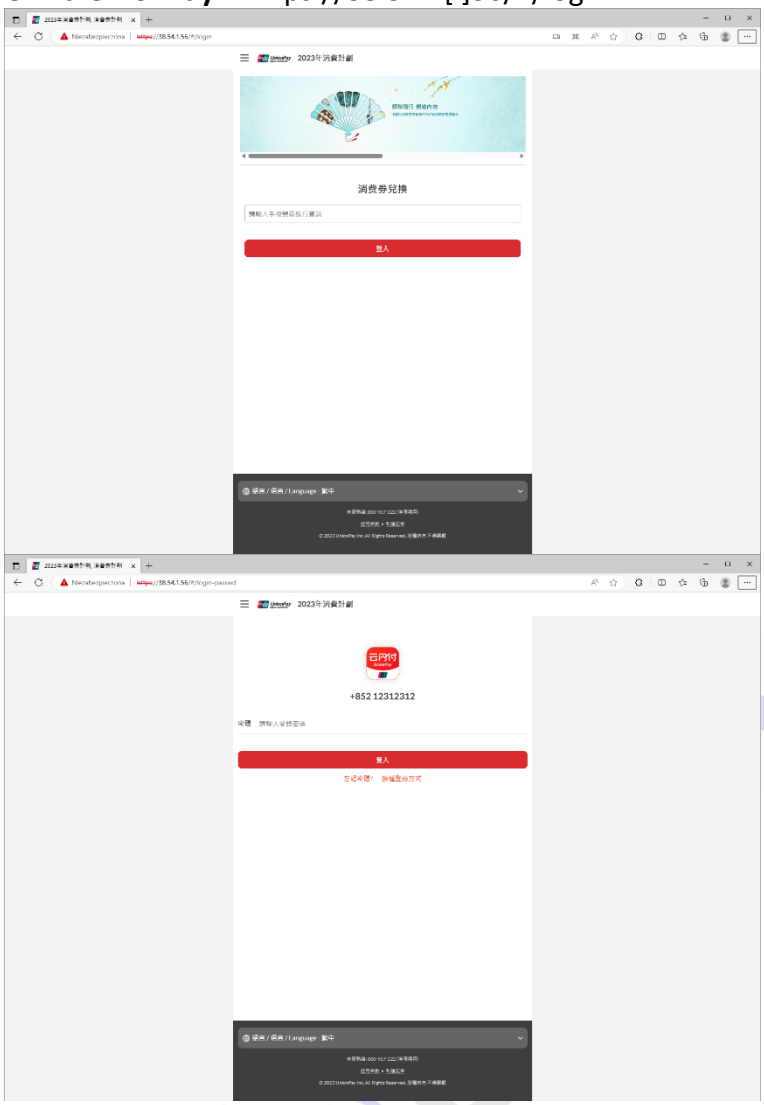

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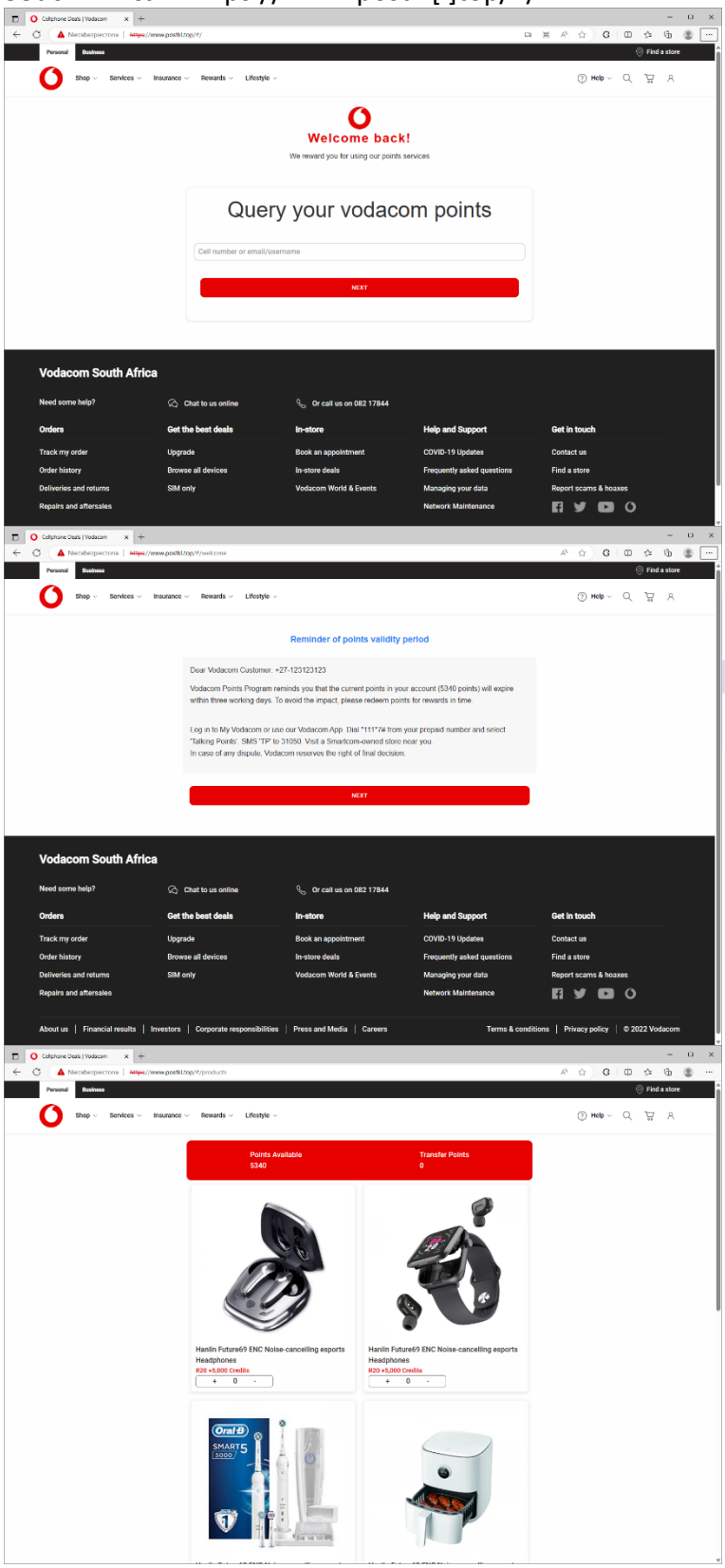
South Africa - hxxps://www.postkl[.]top/#/



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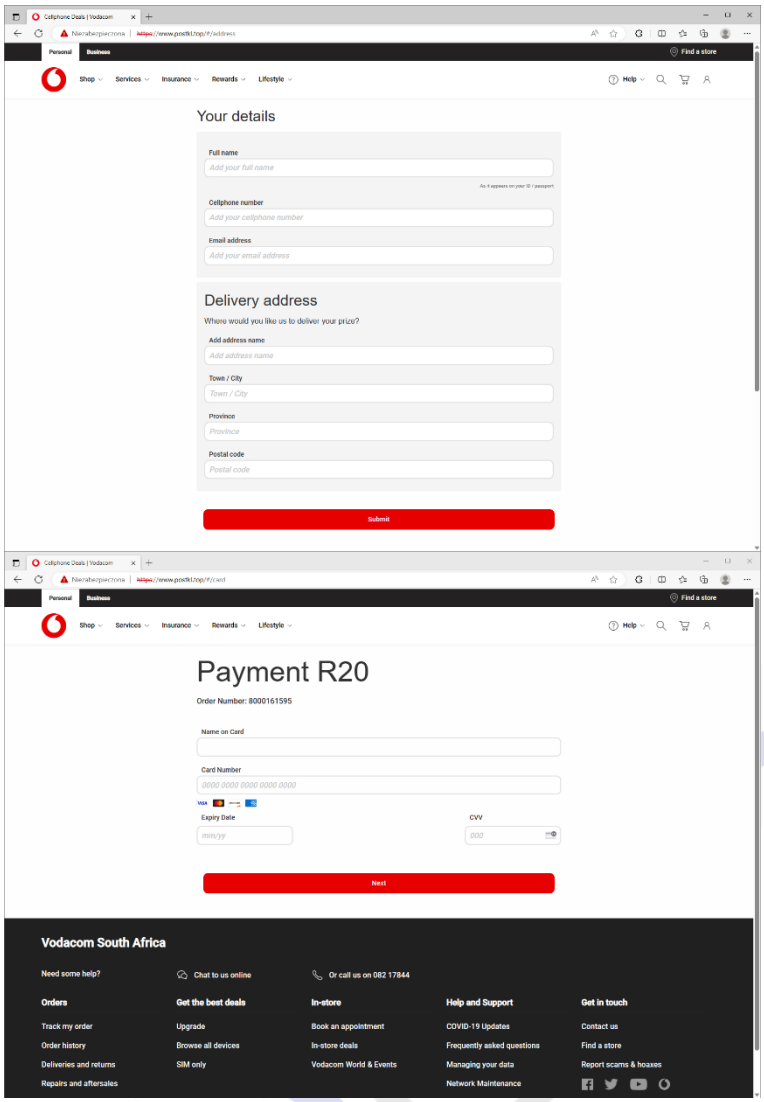

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C2

IP addresses:

'103.151.111.118',	'149.248.62.119',
'103.98.214.162',	'149.28.201.221',
'104.129.12.121',	'149.28.208.111',
'104.129.5.252',	'149.28.226.35',
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