

# Exploitable Results by Third Parties

14041 ETS

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## Project details

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Name:		
Input(s):	Main feature(s)	Output(s):
<ul style="list-style-type: none"> <li>▪ Bring your own device in traveling at Public Transport</li> </ul>	<ul style="list-style-type: none"> <li>▪ Every individual's mobile phone, that uses the public transportation will be able to valid as a ticket for transportation.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Mobile Application</li> </ul>
Unique Selling Proposition(s):	<ul style="list-style-type: none"> <li>▪ Paper / Card free usability</li> <li>▪ Can be adaptable to different cities / countries</li> <li>▪ Have high potential to be used internationally. One mobile app can replace all different type of public transportation ticketing.</li> </ul>	
Integration constraint(s):	<ul style="list-style-type: none"> <li>▪ Need to be adaptable with the management system of the public transportation</li> <li>▪ Need to get approval of the municipalities</li> <li>▪ Requires strong security aspect</li> </ul>	
Intended user(s):	<ul style="list-style-type: none"> <li>▪ End-users will be public transportation users and municipalities that manages the public transportation infrastructure of the cities.</li> </ul>	
Provider:	<ul style="list-style-type: none"> <li>▪ TMOB</li> </ul>	
Contact point:	<ul style="list-style-type: none"> <li>▪ Duygu Kara, <a href="mailto:dkara@tmobtech.com">dkara@tmobtech.com</a></li> </ul>	
Condition(s) for reuse:	<ul style="list-style-type: none"> <li>▪ Licensing</li> </ul>	
<i>Latest update: &lt;19.03.2019&gt;</i>		

Name: Data Analytics Algorithms		
Input(s):	Main feature(s)	Output(s):
<ul style="list-style-type: none"> <li>Data: Passenger data; Routes data, Stations data, Passengers Positions data..... As many data as possible the better</li> </ul>	<ul style="list-style-type: none"> <li>Any enterprise with large data pools needing to optimize and extract knowledge from them.</li> </ul>	<ul style="list-style-type: none"> <li>An <b>answer</b> to a business question</li> </ul>
Unique Selling Proposition(s):	<ul style="list-style-type: none"> <li>The advantage of our approach is the PRICE and CUSTOMIZATION.</li> <li>Have high potential to be used internationally.</li> <li>It is a web/cloud solution accessible to all; can be used by any enterprise of any type/size.</li> </ul>	
Integration constraint(s):	<ul style="list-style-type: none"> <li>As integration is done with Web services, web services need to be at the two ends, this is, the data analytics module sends a web service that has to have correlation at the other end in order to be able to work.</li> <li>Requires to have a pool of data large enough for analysis to make sense</li> </ul>	
Intended user(s):	<ul style="list-style-type: none"> <li>End-users will be public and private transportation authorities, operators and service suppliers, managing transportation infrastructure, but can also be any other enterprise type needing data optimization</li> </ul>	
Provider:	<ul style="list-style-type: none"> <li>IDI EIKON</li> </ul>	
Contact point:	<ul style="list-style-type: none"> <li>Miguel Alborg: malborg@idieikon.com</li> </ul>	
Condition(s) for reuse:	<ul style="list-style-type: none"> <li>Licensing</li> </ul>	

Latest update: <19.03.2019>

Name:		
Input(s):	Main feature(s)	Output(s):
<ul style="list-style-type: none"> <li>▪ Securing citizens' safety when using public transportation</li> </ul>	<ul style="list-style-type: none"> <li>▪ Face recognition system can detect irregulars and terrorists.</li> <li>▪ People counting system allows you to identify the floating population.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Face Recognition, People Counting</li> </ul>
Unique Selling Proposition(s):	<ul style="list-style-type: none"> <li>▪ Convenience of access to subway gate</li> <li>▪ Can be adaptable to different cities / countries</li> <li>▪ Detect terrorists and unauthorized passengers</li> </ul>	
Integration constraint(s):	<ul style="list-style-type: none"> <li>▪ Need to be adaptable with the management system of the public transportation</li> <li>▪ Need to get approval of the municipalities</li> <li>▪ Requires strong security aspect</li> </ul>	
Intended user(s):	<ul style="list-style-type: none"> <li>▪ End-users will be public transportation users and municipalities that manages the public transportation infrastructure of the cities</li> </ul>	
Provider:	<ul style="list-style-type: none"> <li>▪ DTS</li> </ul>	
Contact point:	<ul style="list-style-type: none"> <li>▪ Kyung, KyuHo kkh@datnogsol.com</li> </ul>	
Condition(s) for reuse:	<ul style="list-style-type: none"> <li>▪ Licensing</li> </ul>	
<i>Latest update:</i>		

Name: Reporting Module		
Input(s):	Main feature(s)	Output(s):
Local & Central System <ul style="list-style-type: none"> <li>▪ Beacon receivers</li> <li>▪ Registered Mobile apps</li> <li>▪ Beacon cards</li> </ul>	<ul style="list-style-type: none"> <li>▪ Data simulator - The module is used to generate data, by simulating a real situation of passenger using ETS system.</li> <li>▪ Data Transfer - The module is used to move data from Cassandra to MS SQL and from MS SQL to Cassandra.</li> <li>▪ Data Analyzer for SQL/NoSQL Database - The module is used to create analysis on data stored in MSSQL/NoSQL Database.</li> <li>▪ Data Reporting - Create reports and charts on operational data.</li> <li>▪ API (RS Services) The module is used to expose functionalities</li> </ul>	<ul style="list-style-type: none"> <li>▪ Reports</li> <li>▪ Charts</li> <li>▪ Status</li> <li>▪ Alerts</li> <li>▪ Predictions</li> </ul>
Unique Selling Proposition(s):	<ul style="list-style-type: none"> <li>▪ Offers customers a technological and simplified ticketing solution</li> <li>▪ Real time infrastructure occupation and traffic usage measurements</li> <li>▪ Better Predictions = Better Services for your clients</li> </ul>	
Integration constraint(s):	<ul style="list-style-type: none"> <li>▪ API (RS Services) to expose functionalities for getting data presented in reports or analysis to external applications via Restful services.</li> <li>▪ Customizations for each operator based on its infrastructure</li> <li>▪ Needs to get access to municipalities data</li> </ul>	
Intended user(s):	<ul style="list-style-type: none"> <li>▪ Public Transport Operators</li> <li>▪ Local/Central municipalities that manages the public transportation infrastructure of the cities</li> <li>▪ Tourism (museums, event organizers)</li> </ul>	
Provider:	<ul style="list-style-type: none"> <li>▪ SIVCO Romania</li> </ul>	
Contact point:	<ul style="list-style-type: none"> <li>▪ Monica Florea   monica.florea@siveco.ro</li> </ul>	
Condition(s) for reuse:	<ul style="list-style-type: none"> <li>▪ Licensing</li> </ul>	

*Latest update:*

Name: Loyalty System		
Input(s):	Main feature(s):	Output(s):
<ul style="list-style-type: none"> <li>▪ Customers Details</li> <li>▪ Customer Transactions</li> <li>▪ Cards issued</li> </ul>	<p><b>FULL CUSTOMER INSIGHT</b></p> <ul style="list-style-type: none"> <li>▪ Quick enrollment</li> <li>▪ Full management of customer data</li> <li>▪ Detailed transaction history</li> <li>▪ Dynamic segmentation</li> <li>▪ Flexible account hierarchy</li> <li>▪ Profile data update</li> <li>▪ Points balance check</li> </ul> <p><b>INTELLIGENT LOYALTY MECHANISM</b></p> <ul style="list-style-type: none"> <li>▪ Flexible customer segmentation</li> <li>▪ Flexible definition of earning and redeeming points schemas</li> <li>▪ Event-triggered action</li> <li>▪ Different compensation points for separate customer segments and statuses</li> <li>▪ Real-time points redemption</li> <li>▪ Real-time processing of all transactions</li> <li>▪ Secured access to personal data</li> </ul> <p><b>ADVANCED REPORTING &amp; ADMINISTRATION</b></p> <ul style="list-style-type: none"> <li>▪ Manual correction of points</li> <li>▪ Black-lists administration</li> <li>▪ Dynamic dashboards</li> <li>▪ Report templates and different formats</li> <li>▪ One-time and periodical report generation</li> <li>▪ Notifications of reports availability</li> </ul>	<ul style="list-style-type: none"> <li>▪ Loyalty Program Definition</li> <li>▪ Loyalty Point Balance Status</li> <li>▪ Alerts</li> <li>▪ Reports</li> </ul>
Unique Selling Proposition(s):	<ul style="list-style-type: none"> <li>▪ Provide a full range of high-quality features to run and manage advanced loyalty programs of various scales</li> <li>▪ Collect structured customer data</li> <li>▪ Get to know your customers</li> <li>▪ Reach you customers</li> <li>▪ Gain your customer's trust</li> </ul>	
Integration constraint(s):	<ul style="list-style-type: none"> <li>▪ Web services integration layer</li> <li>▪ Customizations for each operator based on its infrastructure</li> <li>▪ Needs to get access to municipalities data</li> </ul>	

Name: Loyalty System	
Intended user(s):	<ul style="list-style-type: none"> <li>▪ Public Transport Operators</li> <li>▪ Local/Central municipalities that manages the public transportation infrastructure of the cities</li> <li>▪ Tourism (museums, event organizers)</li> </ul>
Provider:	<ul style="list-style-type: none"> <li>▪ CONVEX NETWORK</li> </ul>
Contact point:	<ul style="list-style-type: none"> <li>▪ Cristian Pielescu   cristian.pielescu@convex-network.ro</li> </ul>
Condition(s) for reuse:	<ul style="list-style-type: none"> <li>▪ Licensing</li> </ul>
	<i>Latest update:</i>