

Exploitable Results by Third Parties

15004 PARFAIT Personal dAta pRotectioN FrAmework for IoT

Project details

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Name: IoT Manager		
Input(s):	Main feature(s)	Output(s):
<ul style="list-style-type: none"> ▪ Device info ▪ Sensor value ▪ Instruction set ▪ Script 	<ul style="list-style-type: none"> ▪ Device management ▪ Data management ▪ Data collection ▪ Data processing ▪ Visualization 	<ul style="list-style-type: none"> ▪ RESTful API ▪ HTML GUI ▪ Remote procedure call ▪ Alarm ▪ Report ▪ Dashboard
Unique Selling Proposition(s):	<ul style="list-style-type: none"> ▪ Human independent application model 	
Integration constraint(s):	<ul style="list-style-type: none"> ▪ MQTT/CoAP/HTTP/LwM2M protocol ▪ RESTful API ▪ JavaScript or Python programming language library 	
Intended user(s):	<ul style="list-style-type: none"> ▪ End user ▪ Industry 4.0 	
Provider:	<ul style="list-style-type: none"> ▪ Ericsson 	
Contact point:	<ul style="list-style-type: none"> ▪ Arman Baris Calli - arman.baris.calli@ericsson.com 	
Condition(s) for reuse:	<ul style="list-style-type: none"> ▪ Licensing 	

Latest update: 19 October 2020

Name: Smart Token FIDO2 – U2F		
Input(s):	Main feature(s)	Output(s):
N/A	U2F FIDO2 Authentication compliant to fidoalliance.org specifications	N/A
Unique Selling Proposition(s):	Tamper proof, strong and secure authentication token, wide adoption, ease of use	
Integration constraint(s):	FIDO supports Server and APIs for most Browsers and Platforms	
Intended user(s):	Consumers, Citizens	
Provider:	Thales DIS	
Contact point:	Thales Sales	
Condition(s) for reuse:	Sale channels	
<i>Latest update: 26 October 2020</i>		

Name: SN110 (Combo NFC/SE)		
Input(s):	Main feature(s)	Output(s):
<ul style="list-style-type: none"> ▪ 13.56MHz RF signal ▪ Secure data 	<ul style="list-style-type: none"> ▪ Key storage in secure element ▪ Contactless/transit payment ▪ E-Identification 	<ul style="list-style-type: none"> ▪ Secure identification
Unique Selling Proposition(s):	<ul style="list-style-type: none"> ▪ Full one chip integration of an NFC chip with a secure element 	
Integration constraint(s):	<ul style="list-style-type: none"> ▪ Hardware integration to be integrated respectfully to IOs datasheet ▪ Host interface for configuration I2C, UART (only for NFC), I3C, SPI 	
Intended user(s):	<ul style="list-style-type: none"> ▪ Mobile phone and wearable manufacturers 	
Provider:	<ul style="list-style-type: none"> ▪ Direct sale services by NXP 	
Contact point:	<ul style="list-style-type: none"> ▪ https://www.nxp.com/products/rfid-nfc:RFID-NFC 	
Condition(s) for reuse:	<ul style="list-style-type: none"> ▪ End users have to pay a license to conform with the description of the license provision list provided by NXP (arm license, security algorithms, etc) 	
<i>Latest update: 24 November 2020</i>		

Name: Voicebot platform		
Input(s):	Main feature(s)	Output(s):
<ul style="list-style-type: none"> ▪ text ▪ voice ▪ intents examples ▪ intents rules 	<ul style="list-style-type: none"> ▪ Dialog management ▪ NLU system 	<ul style="list-style-type: none"> ▪ An instantiated voicebot
Unique Selling Proposition(s):	<ul style="list-style-type: none"> ▪ end-to-end voicebot platform that can be installed on premises, do not depend upon GAFAs modules which are known to be unfriendly to user privacy, are fully secured and guaranty user privacy 	
Integration constraint(s):	<ul style="list-style-type: none"> ▪ Docker ▪ Kubernetes 	
Intended user(s):	<ul style="list-style-type: none"> ▪ Any company that want chatbot or voicebot that guaranty user privacy, e.g. banking, insurances, smart home platforms, etc. 	
Provider:	<ul style="list-style-type: none"> ▪ Pertimm Development 	
Contact point:	<ul style="list-style-type: none"> ▪ Patrick.constant@pertimm.com 	
Condition(s) for reuse:	<ul style="list-style-type: none"> ▪ Licensing 	

Latest update: 23 November 2020

Name: PIMZ (Personal Information Management system)		
Input(s):	Main feature(s)	Output(s):
<ul style="list-style-type: none"> Data 	<ul style="list-style-type: none"> Finely manage and safely store personal data Manage data sharings 	<ul style="list-style-type: none"> Fine sorted data Connected Data consumers
Unique Selling Proposition(s):	<ul style="list-style-type: none"> PIMZ will help End user to aggregate his personal data PIMZ helps End user to manage what data is shared or not 	
Integration constraint(s):	<ul style="list-style-type: none"> Need docker infrastructure to host a PIMZ 	
Intended user(s):	<ul style="list-style-type: none"> Physical user Integrator: Data Provider 	
Provider:	<ul style="list-style-type: none"> Softeam 	
Contact point:	<ul style="list-style-type: none"> Laurent Goncalves – laurent.goncalves@softeam.fr 	
Condition(s) for reuse:	<ul style="list-style-type: none"> Licensing 	
<i>Latest update: 20 November 2020</i>		

Name: Call Center Text Sentiment Analysis Solution		
Input(s):	Main feature(s)	Output(s):
Sentiment Analysis Tool	Each part is implemented in Python programming language using the algorithms that are coming from machine and deep learning text analytics literature. The Big Data environments that include MLLib Libraries, document-based NoSQL databases like MongoDB, Real Time Stream Analytic tools like Spark Streaming and infrastructure like Spark cluster used as a platform.	<ul style="list-style-type: none"> ▪ Intent classification Module ▪ Customer satisfaction measurement Module ▪ Agent performance measurement Module ▪ Entity Recognition Module ▪ Spelling Correction Module
Unique Selling Proposition(s):	<ul style="list-style-type: none"> ▪ Call center data has been extracted as document ▪ Wrong spelling mistakes have been fixed for Turkish and English ▪ Models that has been created with DL Algorithms (Word2Vec, Doc2Vec, FastText), have been ▪ trained 80 percent of call center data and tested 20 percent of data. ▪ Sentimental analysis have been realized on the customer's conversation data. 	
Integration constraint(s):	<ul style="list-style-type: none"> ▪ Integration pre-study is needed since different call centers can use different infrastructure. And data can be trained due to the needs of the different call-centers. 	
Intended user(s):	<ul style="list-style-type: none"> ▪ Call Centers 	
Provider:	<ul style="list-style-type: none"> ▪ Turkgen 	
Contact point:	<ul style="list-style-type: none"> ▪ Ahmet Sever – ahmet.sever@turkgen.com.tr 	
Condition(s) for reuse:	<ul style="list-style-type: none"> ▪ Licencing 	

Latest update: 25 October 2020

Name: Instant Messaging System Discover Channel- BIP Discover		
Input(s):	Main feature(s)	Output(s):
<p>Instant Messaging System Discover Channel- BIP* Discover</p> <p>Once the user logs into BIP Panel, the system directs the user to the service creation page</p> <p>User is allowed to view and edit the services that he or she has ownership.</p> <p>*BIP is the instant messaging system and brand offered by Turkcell</p>	<p>BIP platform allows the users to create and manage their own services to be offered to the end users via an interactive instant messaging system.</p> <p>In the Parfait Project, the discover channel is used to control smart home devices.</p> <p>The system could be used in any verticals or in any business scenarios.</p> <p>Easy and secure usage for the service owners and service users.</p>	<ul style="list-style-type: none"> ▪ On Discover tab of BIP app, new services(channels), trending services, categories, subscribed services tabs appear. ▪ The user/company/supplier can manage their services, offers and interaction with the direct customers
<p>Unique Selling Proposition(s):</p>	<p><i>It is an enhanced catalogue. There are 15 categories on IOS and 6 categories on Android.</i></p> <p>IOS:</p> <ul style="list-style-type: none"> ▪ <i>Banking & Finance</i> ▪ <i>Business & Brands</i> ▪ <i>Education</i> ▪ <i>Entertainment</i> ▪ <i>Food</i> ▪ <i>Games</i> ▪ <i>Business & Lifestyle</i> ▪ <i>News</i> ▪ <i>Productivity</i> ▪ <i>Sports</i> ▪ <i>Technology</i> ▪ <i>Travel</i> ▪ <i>Utilities</i> ▪ <i>Customer Services</i> ▪ <i>Other</i> <p>Android:</p> <ul style="list-style-type: none"> ▪ <i>Sport</i> ▪ <i>Life</i> ▪ <i>Chat</i> ▪ <i>Win</i> 	

Name: Instant Messaging System Discover Channel- BIP Discover	
	<ul style="list-style-type: none"> ▪ <i>Fun</i> ▪ <i>Support</i> <p>Offered Services: <i>The services for follow up ; Mass Services or Local services Enterprise Services</i></p>
Integration constraint(s):	<ul style="list-style-type: none"> ▪ <i>Plug and Play</i> ▪ <i>Easy integration</i> ▪ <i>New feature implementation could be discussed if needed</i>
Intended user(s):	<ul style="list-style-type: none"> ▪ <i>Users, B2C players, any companies who would like to interact with their end users via instant messaging system platform</i>
Provider:	<ul style="list-style-type: none"> ▪ <i>Turkcell</i>
Contact point:	<ul style="list-style-type: none"> ▪ <i>Isil Ozkan isil.ozkan@turkcell.com.tr</i> ▪ <i>Nihat Burak Aksar burak.aksar@turkcell.com.tr</i>
Condition(s) for reuse:	<ul style="list-style-type: none"> ▪ <i>Usage Fee</i> ▪ <i>Different solutions could be tailored if required</i>
<i>Latest update: 25 November 2020</i>	

Name: Secure Platform for Interaction with Hotels and Smart Homes (USP)		
Input(s):	Main feature(s)	Output(s):
Eye pleasing interface Encryption GDPR compliant usage of personal data	Finely manage and safely store personal data Manage data shading Encryption of end-to end connection	Fine sorted data Connected Data consumers
Unique Selling Proposition(s):	BEIA will consider standardized protocols and technologies and encryption-based system to provide a secure visualization platform for Hotels and Smart Homes.	
Integration constraint(s):	Need data base and server	
Intended user(s):	Building managers (especially offices and hotels)	
Provider:	BEIA CONSULT INTERNATIONAL	
Contact point:	George Suciu – george@beia.ro Mari-Anais Sachian – anais.sachian@beia.ro Gabriel Petrescu – gabriel.petrescu@beia.ro	
Condition(s) for reuse:	Usage Fee Different solutions can be tailored according to the user	
<i>Latest update: 26 November 2020</i>		

Name: Secure Gateway		
Input(s):	Main feature(s)	Output(s):
<ul style="list-style-type: none"> OPC/MQTT Protocol configuration data 	<ul style="list-style-type: none"> Data integration Protocol conversion 	<ul style="list-style-type: none"> HTML GUI OPC server available for data access
Unique Selling Proposition(s):	<ul style="list-style-type: none"> Secure authentication based on FIDO2 	
Integration constraint(s):	<ul style="list-style-type: none"> MQTT/OPC protocols supported Ericsson cloud integration 	
Intended user(s):	<ul style="list-style-type: none"> End user Industry 4.0 	
Provider:	<ul style="list-style-type: none"> SIS 	
Contact point:	<ul style="list-style-type: none"> Oana Chenaru – oana.chenaru@sis.ro 	
Condition(s) for reuse:	<ul style="list-style-type: none"> Licensing 	
<i>Latest update: 19 November 2020</i>		