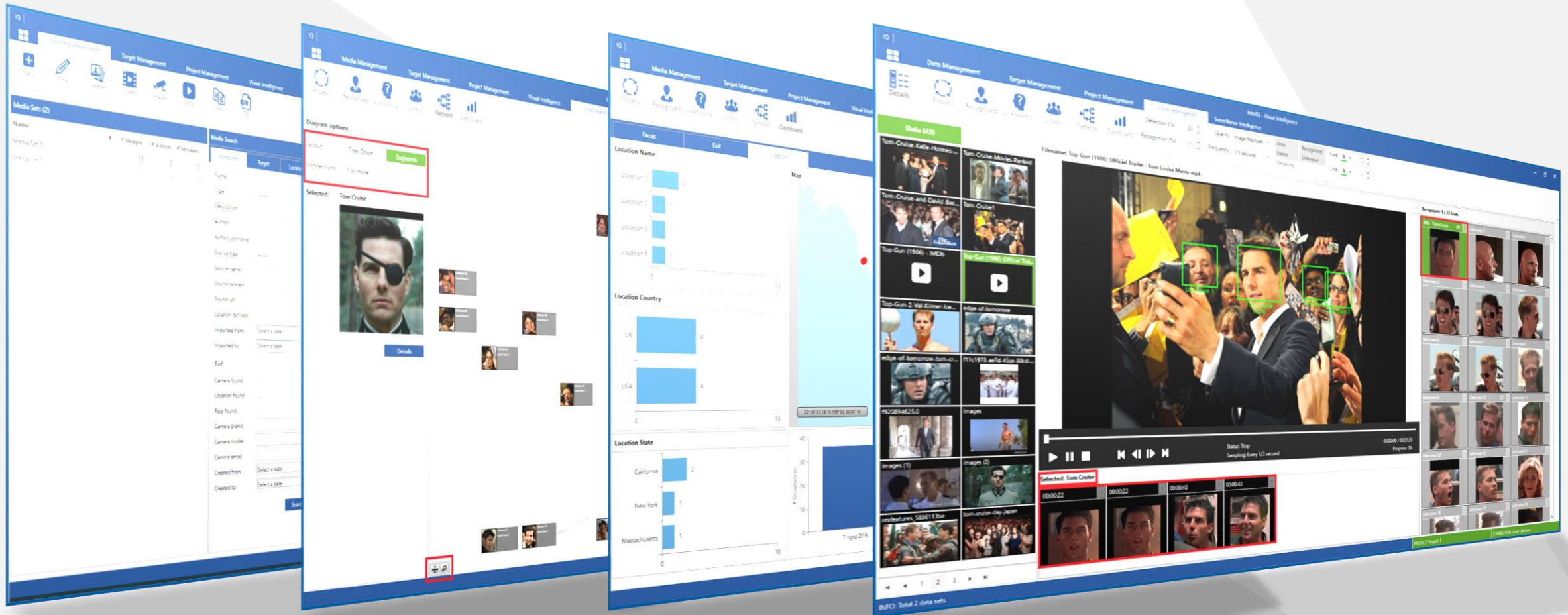
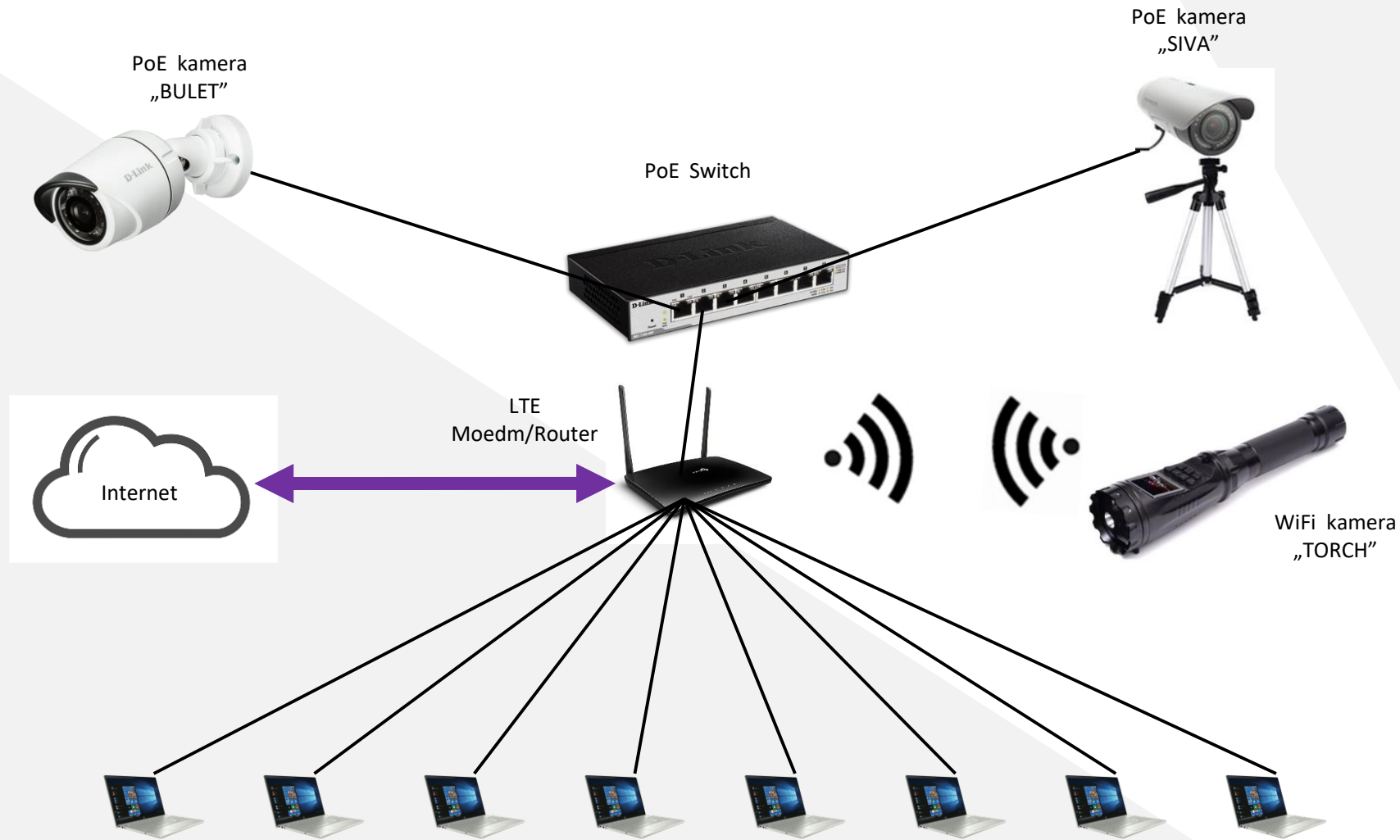


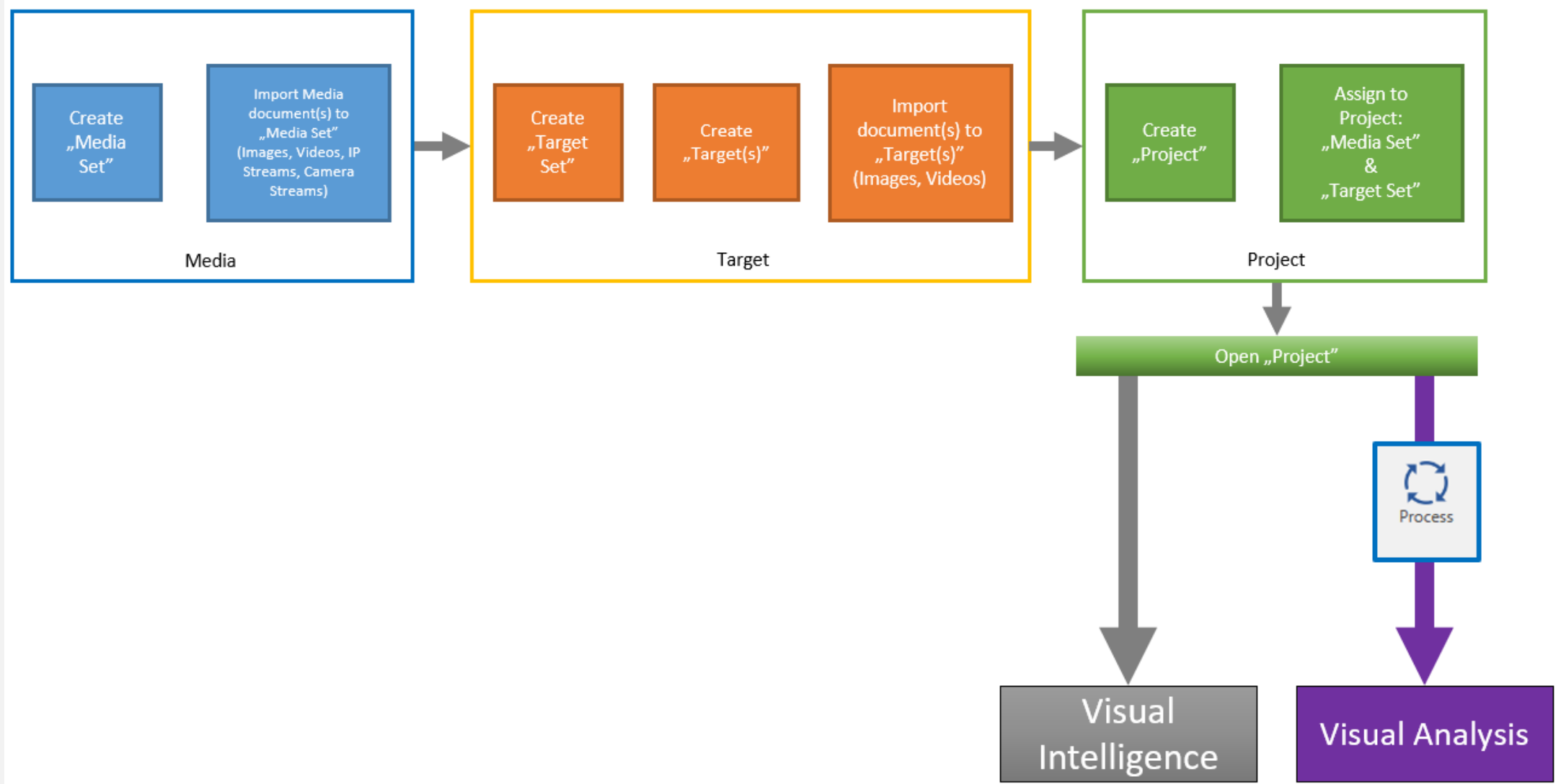
Visual Intelligence Solution for strategic and tactical application



KONFIGURACIJA za priručnik za upotrebu



POSTAVLJANJE PROJEKTA

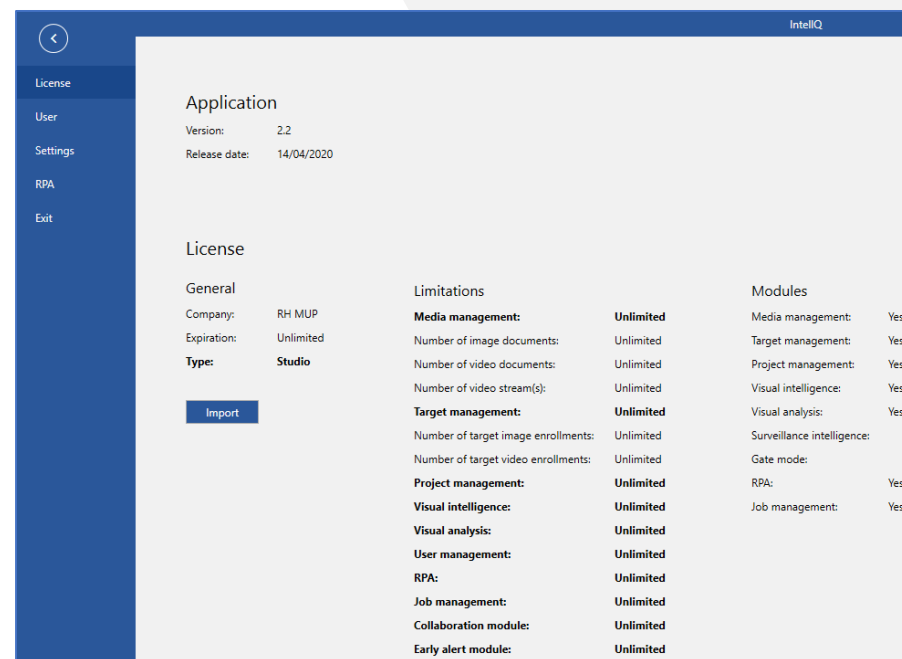


KONFIGURACIJA - Licence

- Application
 - Version
 - Release date

- License
 - General
 - Company
 - Expiration
 - Type
 - STUDIO
 - CLIENT
 - Limitations

- Modules
 - Media
 - Target
 - Project
 - Visual intelligence
 - Visual analysis
 - Surveillance intelligence
 - Gate mode
 - RPA
 - Job management



KONFIGURACIJA - User

- User Configuration

The screenshot shows a user configuration interface. On the left is a dark blue sidebar with a back arrow icon and menu items: License, User (highlighted), Settings, RPA, and Exit. The main content area is titled 'User configuration' and displays the following information:

Username:	admin	
Password:	****	Change Password
Name:	Joe	
Surname:	Doe	
Date Created:	19/04/2020 00:09	Change Details

The screenshot shows an 'Edit user' window with a title bar and standard window controls. Below the title bar is a 'Main' tab and a toolbar with 'Back' and 'Save' buttons. The main content area is divided into two sections: 'Info' and 'Notification Setup'.

Info

Name:	<input type="text" value="Joe"/>
Surname:	<input type="text" value="Doe"/>

Notification Setup

Retention (min):	<input type="text" value="10"/>
Pop-up:	<input checked="" type="checkbox"/>
E-mail notification:	<input type="checkbox"/>
E-mail recipients:	<input type="text"/>
<small>Delimiter ';' can be used for multiple receivers. Upon sending please check inbox, deleted and junk folders. E-mail is received depending on your spam settings.</small>	
	Test
SMS notification:	<input type="checkbox"/>
SMS recipients:	<input type="text"/>
<small>Delimiter ';' can be used for multiple receivers. Phone number must start with country code without leading zero. For ex. +1XXXXXXXXXX or +44XXXXXXXXXX</small>	
	Test

KONFIGURACIJA - Settings

- Performance
 - Number of CPU Cores (Logičke)
- E-mail configuration
 - Google
 - SMTP
- SMS configuration
 - Twilio
- Database connections
 - Local – lokalna DB na PC-ju
 - Server – DB na serveru

The screenshot displays the IntelIQ Settings application interface. On the left is a navigation menu with options: License, User, Settings (selected), RPA, and Exit. The main content area is titled 'Performance' and includes a dropdown for 'Number of CPU cores' set to 1. Below this are two configuration sections: 'E-mail configuration' and 'SMS configuration'. The 'E-mail configuration' section has fields for Server type (SMTP), Server, Port, SSL (checkbox), Username, Password (with a visibility toggle), and Sender e-mail, along with Activate, Test, and Save buttons. The 'SMS configuration' section has fields for Service type (Twilio), Account SID, Auth Token, and Twilio Sender Phone, also with Activate, Test, and Save buttons. At the bottom, the 'Database connections' section features a table with columns for Name, Status, Delete, and Connect. A single entry 'Local' is shown with an 'Active' status and a 'Connect' button. An 'Import' button is located below the table.

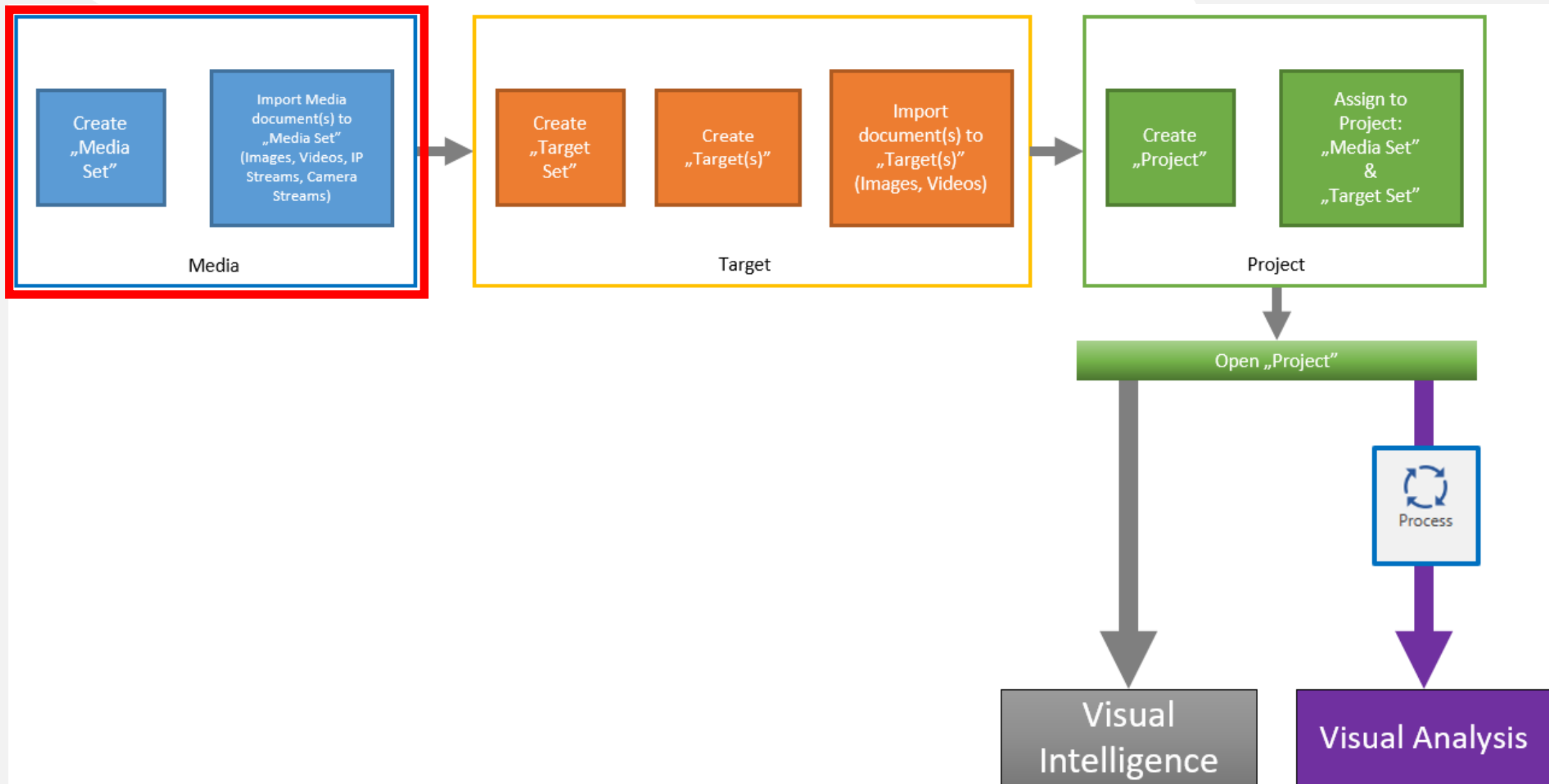
Name	Status	Delete	Connect
Local	Active		Connect

KONFIGURACIJA - RPA

- Path configuration
 - Studio
 - VPN
 - TOR

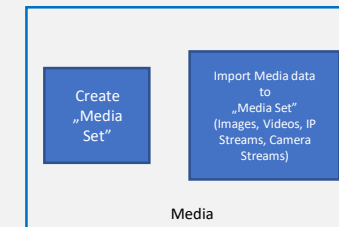
The screenshot shows a software interface for configuring paths. On the left is a dark blue sidebar with a back arrow icon at the top and menu items: License, User, Settings, RPA (highlighted), and Exit. The main area is titled 'Path configuration' and contains three rows of input fields. Each row has a label on the left, a large white text input box in the middle, and a blue 'Path' button on the right. The rows are labeled 'Studio:', 'VPN:', and 'TOR:'. At the bottom right of the main area is a blue 'Save' button.

POSTAVLJANJE PROJEKTA



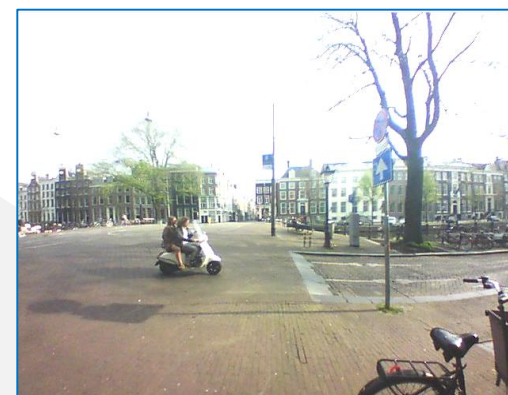
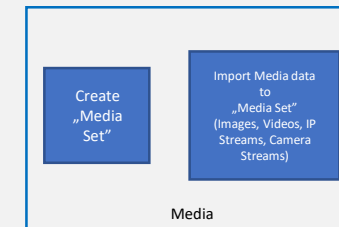
MEDIA SET (mapa dokumenata)

- Izrada
- Uređivanje
- Ručni uvoz dokumenata:
 - Slika
 - Video
 - „Stream-a”
 - IP Stream
 - Camera



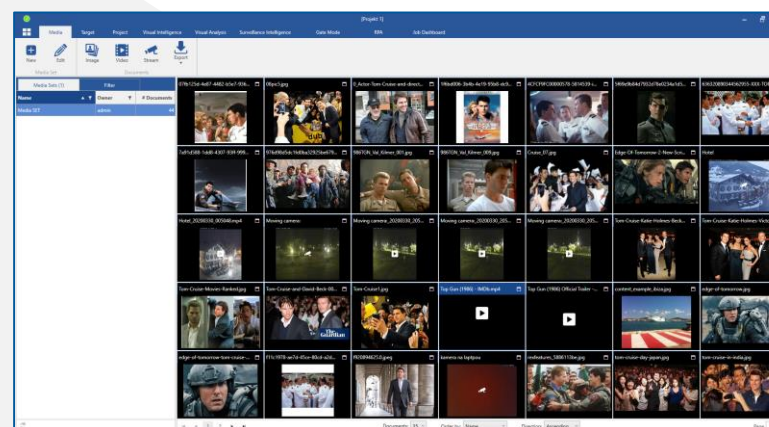
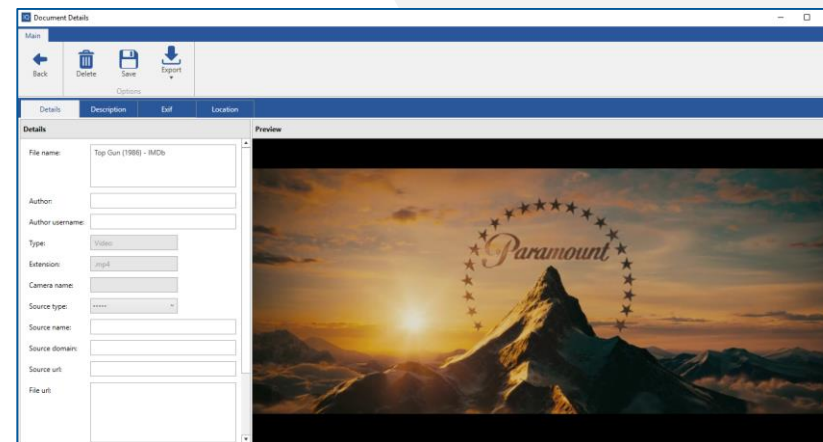
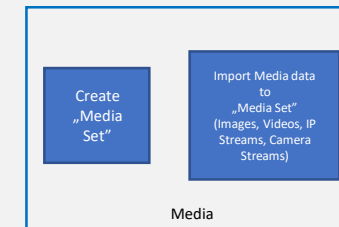
Demo 1

- Izradite media set – „TOP GUN” + proizvoljan opis.
 - Ručno uvezite Slike iz - Desktop\Demo\Top Gun
 - Proizvoljno unesite Details i Description
 - Location na karti unesite – kliknite na Zagreb; City; Country
- Izradite media set – „SPECIAL”
 - **Uvezite Slike** iz - Desktop\Demo\Special
- Izradite media set – „VIDEO”
 - **Uvezite Video** iz - Desktop\Demo\Video
- Izradite media set – „KAMERE”
 - **Stream**
 - Camera – kamera na laptopu
 - IP Stream:
 - „Tržnica”: <http://93.87.72.254:8090/mjpg/video.mjpg>
 - Details, Description, Location, Log
 - „Siva kamera”: rtsp://192.168.1.110/live1.sdp
 - „Bulet kamera”: rtsp://192.168.1.120:554/live1.sdp



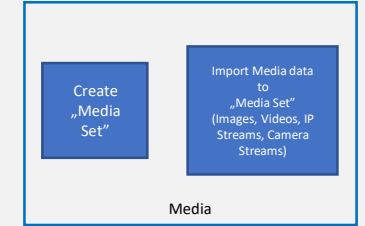
MEDIA SET (mapa dokumenata)

- Pregled Medija
 - Document Details – Details, Description, EXIF, Location
 - Fotografije
 - Video zapisa
- Izvoz dokumenata (Document Export):
 - Copy to Media SET
 - U Mapu na disku (to Folder)
 - U zaštićenu ZIP datoteku



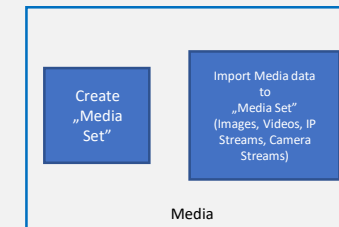
Demo 2

- Pregledajte proizvoljno medij (slika, video...)
 - Document Details – Details, Description, EXIF, Location
- Izvezite proizvoljno dokument (Document Export):
 - Copy to Media SET
 - U Mapu na disku (to Folder) – npr. folder na Desktopu
 - U zaštićenu ZIP datoteku – u isti folder na Desktopu



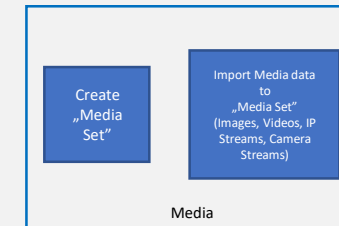
MEDIA SET (mapa dokumenata)

- FILTER – Pretraživanje prema:
 - Atributima
 - EXIF (Exchangeable Image File Format)
 - Ciljevima (Targets)



Demo 3

- U media setu „TOP GUN” pronađite sve dokumente koji imaju zapisanu lokaciju u EXIF-u



Media Sets (1) Filter

Media set: TOP GUN
Results: 6 Clear All

by Attributes by Exif by Target

Camera found:

Location found:

Location not found:

Author:

Camera brand:

Camera model:

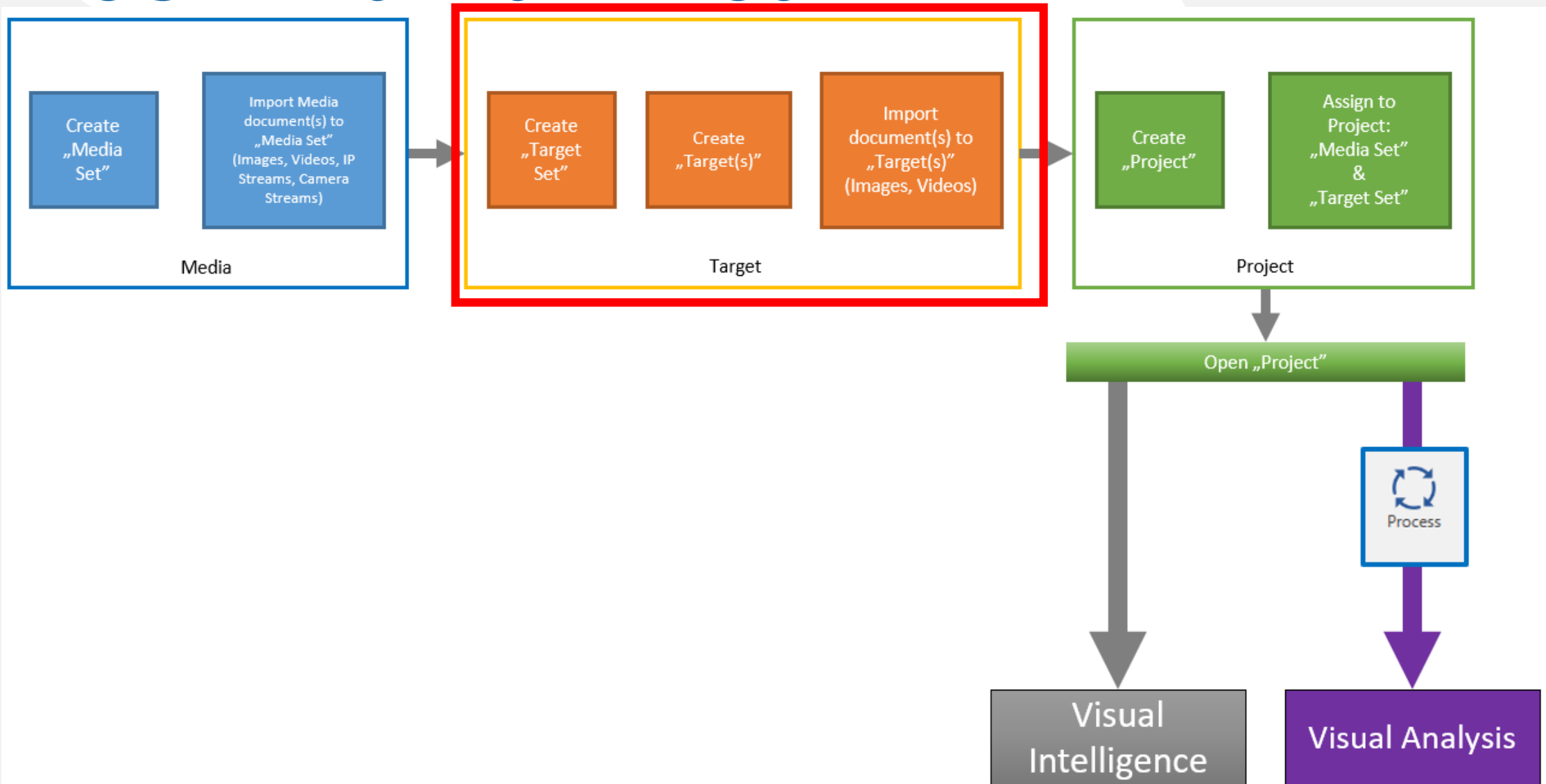
Camera serial:

Created from: 15

Created to: 15

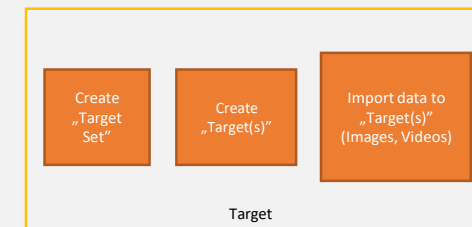
Clear Search

POSTAVLJANJE PROJEKTA



TARGET SET (Mapa ciljeva)

- Kreiranje
- Uređivanje:
 - Details
 - Notifications (Early Alerting)
 - Description



New Target Set

Main

Back Save Options

Details Notifications Description

E-mail Notification

Enabled:

E-mail recipients: [Add My](#)

SMS Notification

Enabled:

SMS recipients: [Add My](#)

Delimiter ';' can be used for multiple receivers. Upon sending please check inbox, deleted and junk folders. E-mail is received depending on your spam settings.

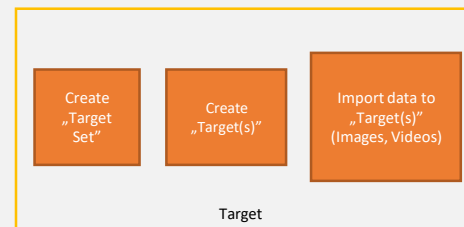
[Test](#)

Delimiter ';' can be used for multiple receivers. Phone number must start with country code without leading zero. For ex. +1XXXXXXXXXX or +44XXXXXXXXXX

[Test](#)

Demo 4

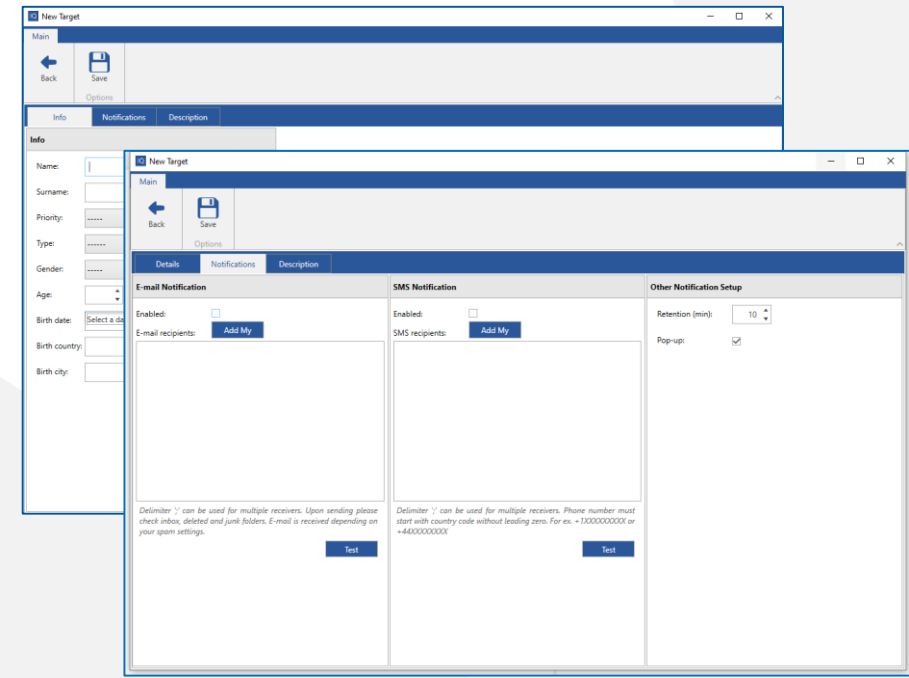
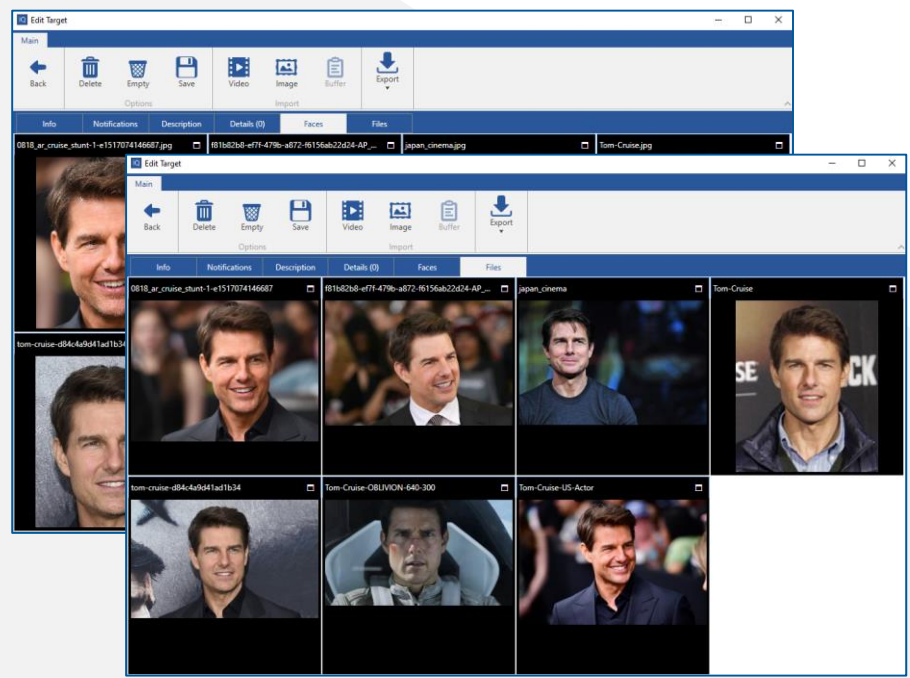
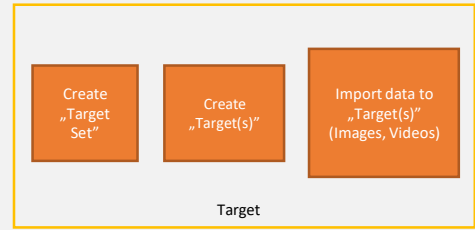
- Izradite Target set – „TOP GUN”.



Screenshot of the 'New Target Set' application window. The window title is 'New Target Set'. It has a 'Main' tab with 'Back' and 'Save' buttons. Below are tabs for 'Details', 'Notifications', and 'Description'. The 'Info' section contains fields for Name (TOP GUN), Priority, and Type. The 'Setup' section contains 'Enabled recognition threshold' (checkbox) and 'Recognition threshold (%)' (98).

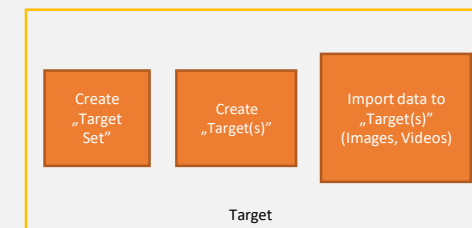
TARGET (Cilj)

- Ciljevi (Targets)
 - Kreiranje novih Ciljeva (new Targets) / Profila



Demo 5

- Izradite Target (Cilj) – „Tom Cruise”.
 - Info:
 - Priority – High
 - Type – VIP
 - Gender – Male
 - Age – 55
 - Opis – Glumac
- Izradite Target – „David Beckham”.
- Izradite Target – „Val Kilmer”.
- Primijetite „Notifications”



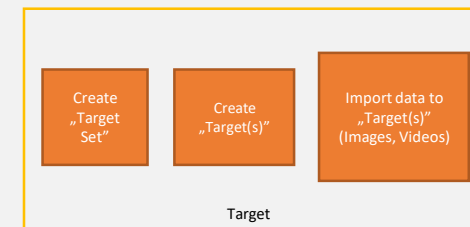
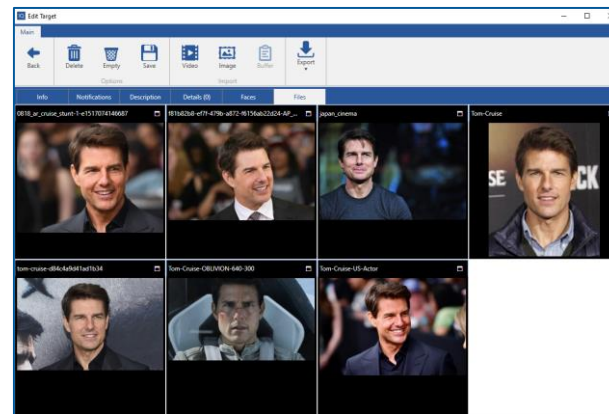
TARGET (Cilj)

- Ručni uvoz (Import) Ciljeva iz:

- Videa
- Slika (Image)
- Iz Buffer-a

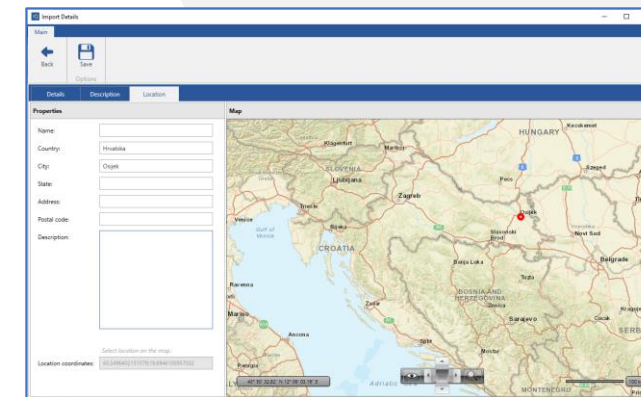
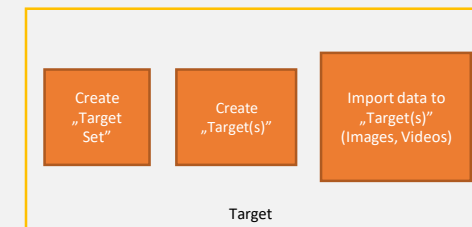
- Pregled Ciljeva

- Edit – Info, Notifications, Description, Details, Faces, Files
- Fotografije
- Video



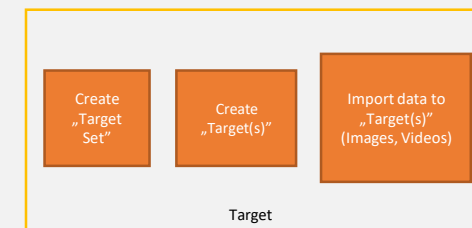
Demo 6

- Ručno uvezite slike Cilja - „Tom Cruise“:
 - **Slike** iz - Desktop\Demo\Target\Tom Cruise
 - Proizvoljno unesite Details i Description
 - Uklonite uljeza u pregledu uvezenih lica
- Ručno uvezite slike Cilja - „David Beckham“:
 - **Slike** iz - Desktop\Demo\Target\David Beckham
- Ručno uvezite **video** Cilja - „Val Kilmer“:
 - Desktop\Demo\Target\Val Kilmer
 - Uklonite ne-pripadajuća lica



TARGET (Cilj)

- Automatski uvoz Ciljeva (Targets) iz:
 - FileSystem
 - PostgreSQL
 - MySQL
 - SQL Server
 - DB2
 - ...



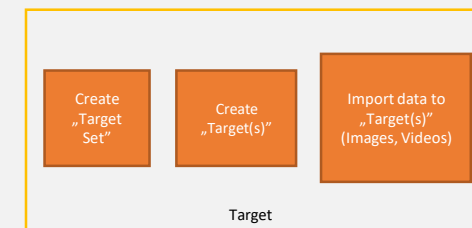
Screenshot of the IntelIQ Job Management interface. The table displays the following data:

Name	Source Type	Source	Destination	Destination	Last Run	Next Run	Elapsed	Process	Not Pro	Process	Status	
Automatski unos	File System	C:\Users\Korisnik\	Target Item	Automatski unos		Every (5) seconds		0	0	0	Stopped	Start
Automatski unos	File System	C:\Users\Korisnik\	Media Item	Automatski unos	19/04/2020 01:11:	Every (5) seconds	00:01:35	34	1	36	Stopped	Start

- Upis dodatnih atributa tijekom FR obrade npr. iz otvorenih izvora

Demo 7 – Job Management

- Unesite automatskim načinom dokumente (slike) iz datoteke na disku.
 - napravite Target Set – „AUTO UNOS”.
 - Potom podesite Job za automatski unos iz File Sustava...iz foldera:
Desktop\Demo\Target\Auto Unos
- Uvoz se izvodi u 2 stupnja:
 - Izrada kartice cilja
 - Asocijacija lica
- Pregledati rezultate



 A screenshot of the 'Edit Job' window in the IQ software. The window has a title bar 'IQ Edit Job' and a 'Main' menu. Below the menu are 'Back', 'Save', and 'Delete' buttons. The main area is divided into 'Configuration' and 'Options' sections.

Configuration

Name:

From:

Database Type:

Path:

To:

Destination type:

Destination set:

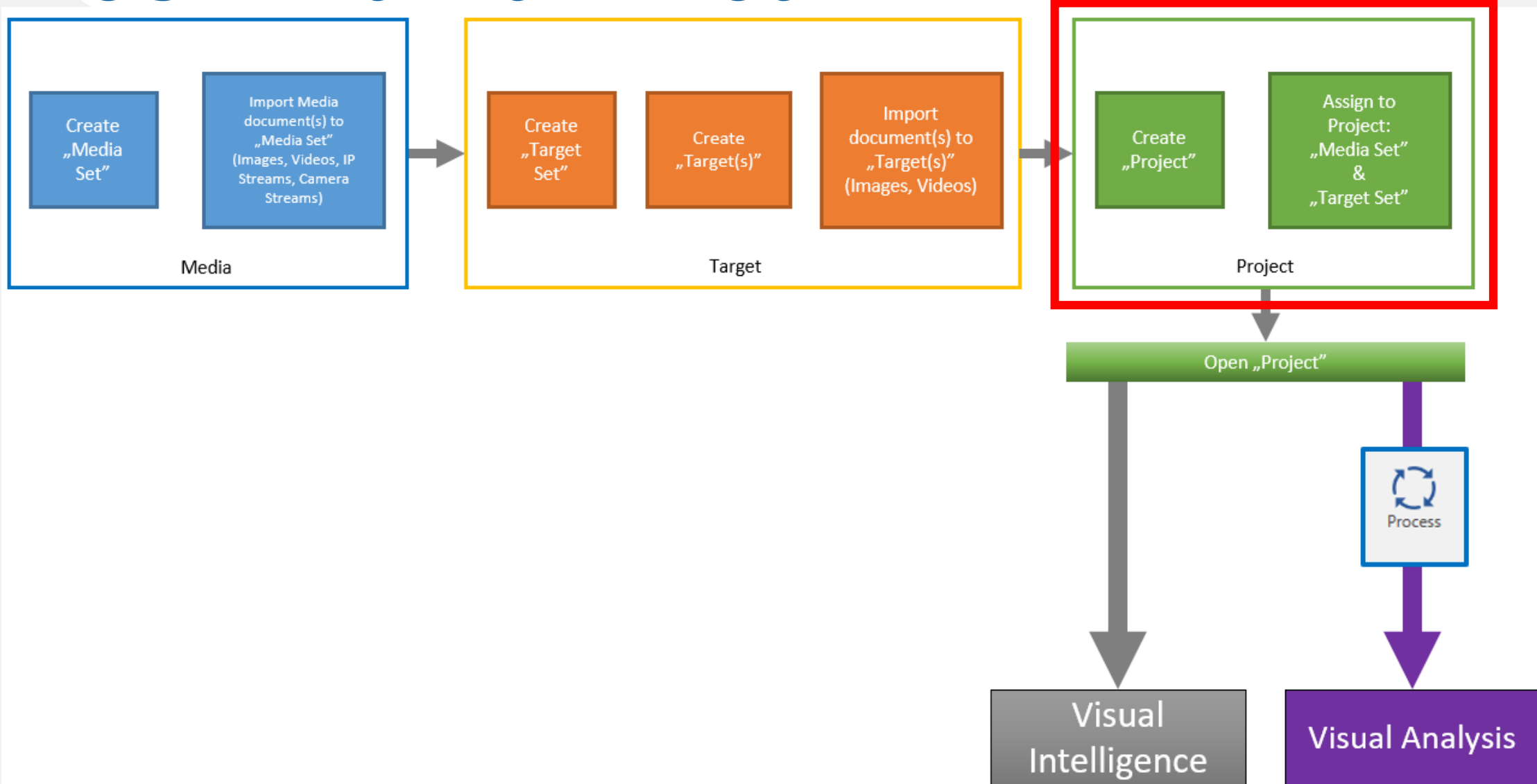
Options

Repeat: No Repeat
 Every (n) seconds
 Every (n) minutes

Structure: Directory
 File

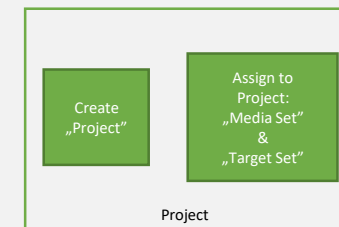
Action: Delete rows after

POSTAVLJANJE PROJEKTA



PROJEKT (Istražni slučaj)

- Kreiranje novog Projekta / Istražnog slučaja
 - Odabir MEDIA SET
 - Odabir TARGET SET



Projects (2)							Media Sets (1)			Target Sets (1)		
	Name	Activity	Owner	Shared	Status		Selected	Name	Owner	# Documents		
Open	Projekt 2	0	admin			<input checked="" type="checkbox"/>	Media SET	admin	44		
Opened	Projekt 1	0	admin								

- Editiranje Projekta
 - Status projekta (Zatvaranje slučaja)
- Siguran izvoz materijala iz Projekta

Export Zip

Main

Back Save

Options

Security

Password:

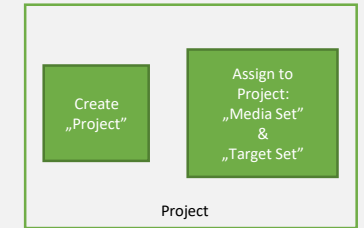
Password Confirmation:

Demo 8

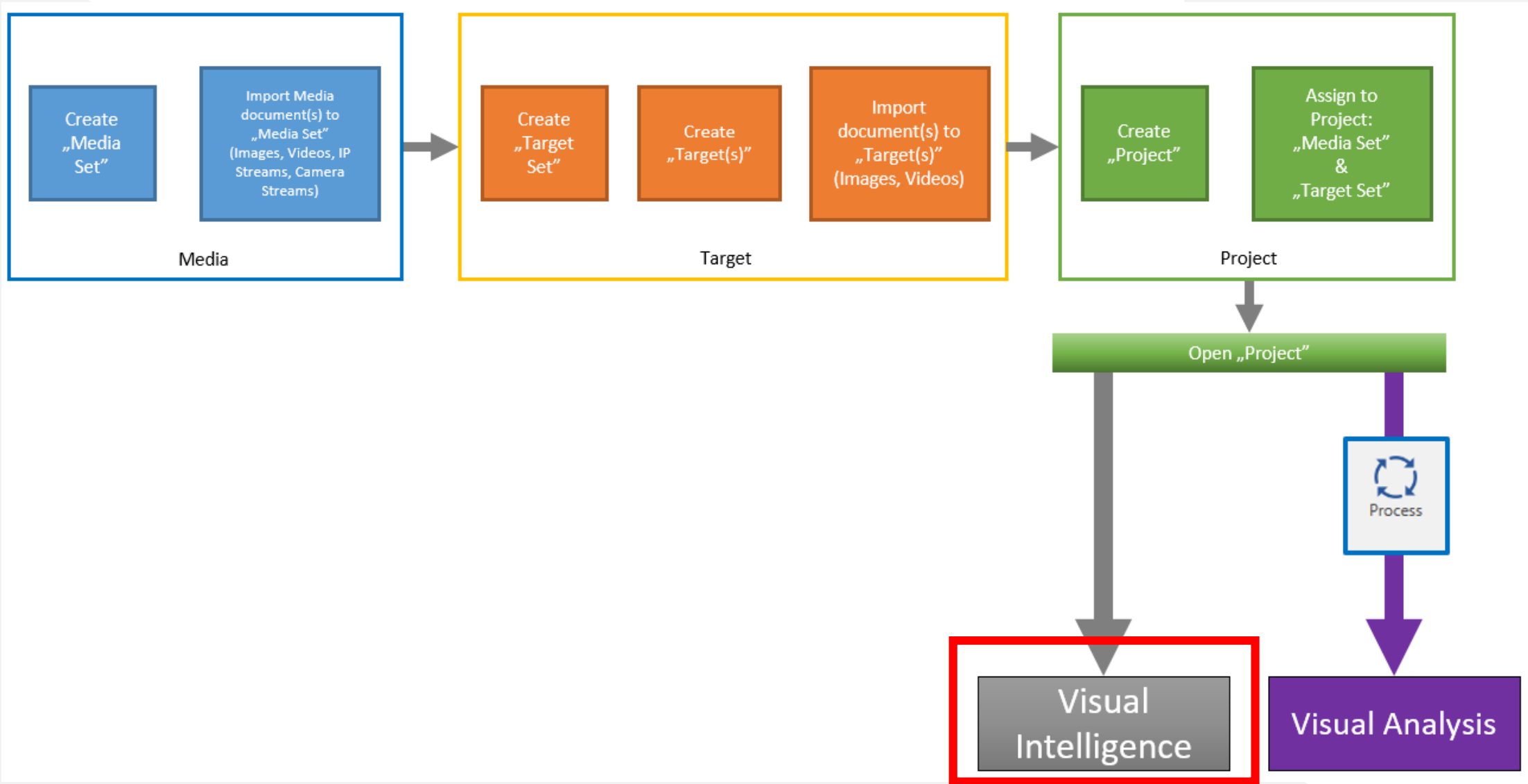
- Kreirajte novi Projekt / Istražni slučaj – „TOP GUN”
 - Odabir MEDIA SET – „TOP GUN”
 - Odabir TARGET SET – „TOP GUN”

- Učitajte novi Projekt – „Open”

- Sigurno izvezite Projekt na Desktop Protected .zip file
 - Nakon izvoza, analizirajte sadržaj foldera

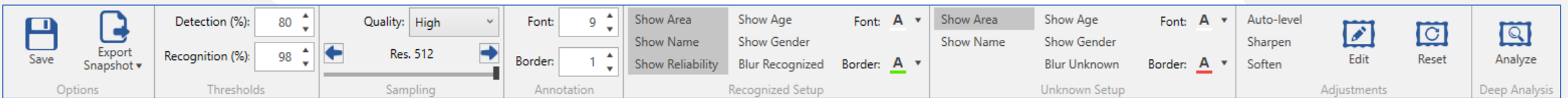


POSTAVLJANJE PROJEKTA

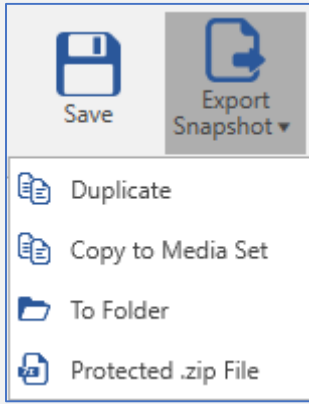


VISUAL INTELLIGENCE

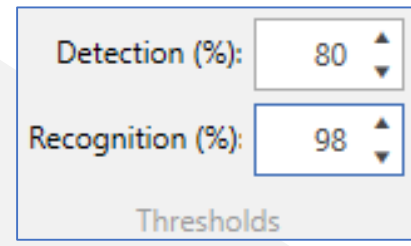
Visual Intelligence



- Options
 - Save
 - Export Snapshot



- Threshold
 - Detection % - vjerojatnost detekcije lica
 - Recognition % - vjerojatnost prepoznavanja lica



Demo 9

Visual Intelligence

- U Visual Intelligence odaberite sliku:
 - „Edge-Of-Tomorrow-2-New-Script-Emily-Blunt.jpg”

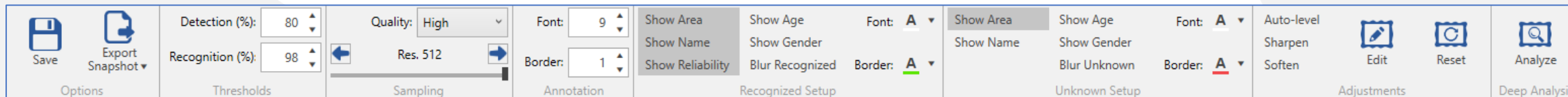


Detection (%):	80
Recognition (%):	98
Thresholds	

- Primjetite kako je T. Cruise „Unknown” s „Recognition (%)” postavljen na Defaultnu vrijednost od 98%:
- Smanjite postotke Recognition-a sve dok T. Cruise ne postane prepoznat („Recognized”).
- Koja je nova vrijednost?
- Pritisnite tipku „SAVE”.
- Što se dobiva tipkom SAVE? (Odaberite neku drugu sliku i vratite se na prethodnu...)

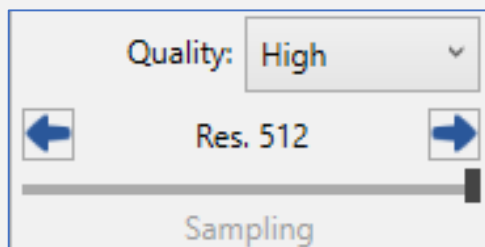
VISUAL INTELLIGENCE

Visual Intelligence



- **Sampling**

- Density
- Resolution



- **Density**

- Very Low – 100px
- Low – 200px
- Medium - 300px
- High - 400px
- Very High - 512px
- Custom

- **Px**

- Predstavlja ručno podešavanje rezolucije tj. gustoće uzorkovanja lica

Demo 10a

Visual Intelligence

- Dodajte novi Target (Cilj) u već postojeći Target Set: „TOP GUN”.
- Novi Target je **Emily Blunt** iz foldera: Desktop\Demo\Target\Emily Blunt
 - Unesite sve 4 slike odjednom
 - Uklonite uljeza u licima
- Napraviti „RELOAD” projekta.
- U Visual Intelligence modulu pronađite sliku:
 - „Edge-Of-Tomorrow-2-New-Script-Emily-Blunt.jpg”



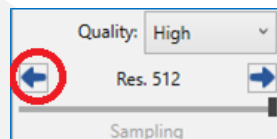
Info	Notifications	Description
Info		
Name:	<input type="text" value="Emily"/>	
Surname:	<input type="text" value="Blunt"/>	
Priority:	<input type="text" value="Low"/>	<input type="checkbox"/>
Type:	<input type="text" value="Missing"/>	
Gender:	<input type="text" value="Female"/>	
Age:	<input type="text" value="42"/>	
Birth date:	<input type="text" value="Select a date"/>	<input type="text" value="15"/>
Birth country:	<input type="text"/>	
Birth city:	<input type="text"/>	

Demo 10b

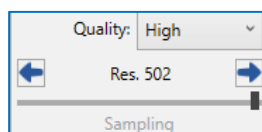
Visual Intelligence

- Kliknite JEDNOM na lijevu strelicu:

- Sa

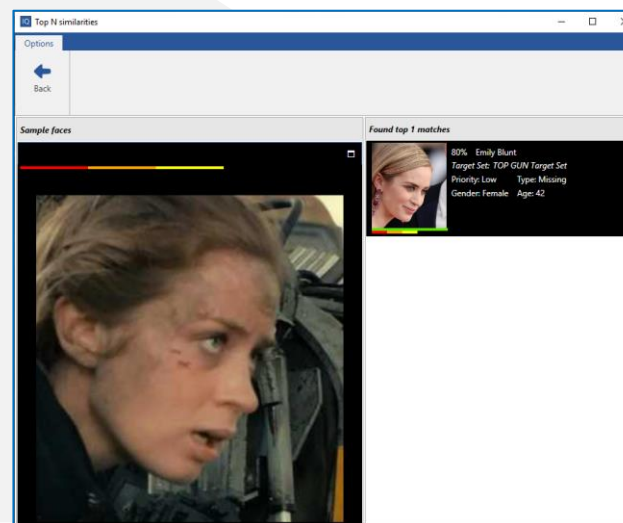
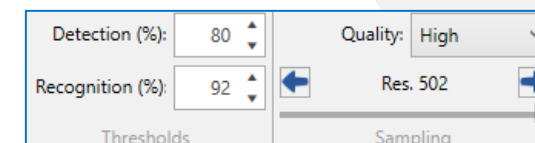
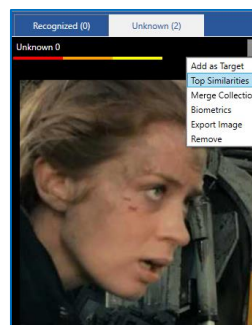


na



- Što zapažate?

- Otvorite „**Top Similarities**”
- Komentirajte „80%”.
- Save Konfiguracije
- Dodajte lice kroz buffer



VISUAL INTELLIGENCE

Visual Intelligence

Save Export Snapshot		Detection (%): 80 Recognition (%): 98	Quality: High Res. 512	Font: 9 Border: 1	Show Area Show Name Show Reliability	Show Age Show Gender Blur Recognized	Font: A Border: A	Show Area Show Name Show Reliability	Show Age Show Gender Blur Unknown	Font: A Border: A	Auto-level Sharpen Soften	Edit Reset	Analyze
Options		Thresholds		Annotation		Recognized Setup		Unknown Setup		Adjustments		Deep Analysis	

Recognized & Unknown Setup

- Show Area
- Show Name
- Show Reliability
- Show Age
- Show Gender
- Blur
- Font Color
- Border Color



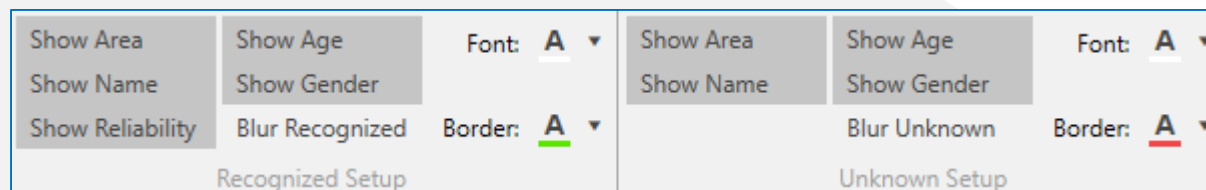
Show Area	Show Age	Font: A
Show Name	Show Gender	
Show Reliability	Blur Recognized	Border: A
Recognized Setup		

Show Area	Show Age	Font: A
Show Name	Show Gender	
	Blur Unknown	Border: A
Unknown Setup		

Demo 11

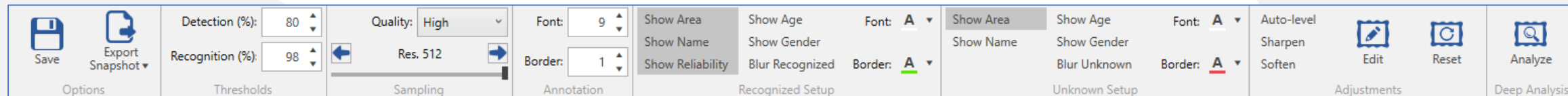
Visual Intelligence

- U Visual Intelligence modulu pronađite sliku:
 - „Tom-Cruise-and-David-Beck-007.jpg”
- Dodajte Age, Gender, Name... U:
 - Recognized Setup
 - Unknown Setup



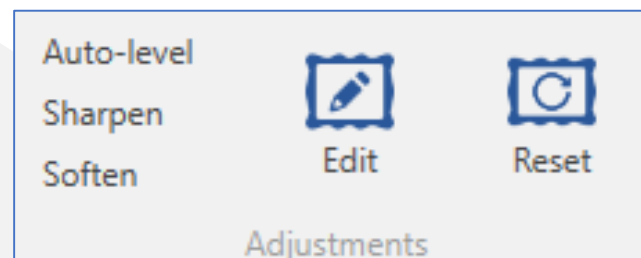
VISUAL INTELLIGENCE

Visual Intelligence



- Adjustments

- Auto-level
- Sharpen
- Soften



- Edit
- Reset

VISUAL INTELLIGENCE

Visual Intelligence

Save Export Snapshot	Detection (%): 80	Quality: High	Font: 9	Show Area	Show Age	Font: A	Show Area	Show Age	Font: A	Auto-level	Edit Reset	Analyze
	Recognition (%): 98	Res. 512	Border: 1	Show Name	Show Gender	Border: A	Show Name	Show Gender	Border: A	Sharpen		
Options	Thresholds	Sampling	Annotation	Recognized Setup			Unknown Setup					

Image Preview

- Transform
 - Resize
 - Canvas Resize
 - Rotate 90
 - Rotate 180
 - Rotate 270
 - Round Corners
 - Flip Horizontal
 - Crop**
- Draw
- Shape
- Selection
- Pan
- Adjust
 - Hue Shift
 - Saturation
 - Contrast
 - Invert Colors
- Effects
 - Sharpen
 - Blur

Adjustments

- Auto-level
- Sharpen
- Soften
- Edit**
- Reset



Demo 12a

Visual Intelligence

- U Visual Intelligence modulu pronađite sliku:
 - „08pic5.jpg”
- Primjetite lice u crvenom krugu:
- Lice iz crveong kruga dodajte u novi target korištenjem „Edit” i „CROP” opcije



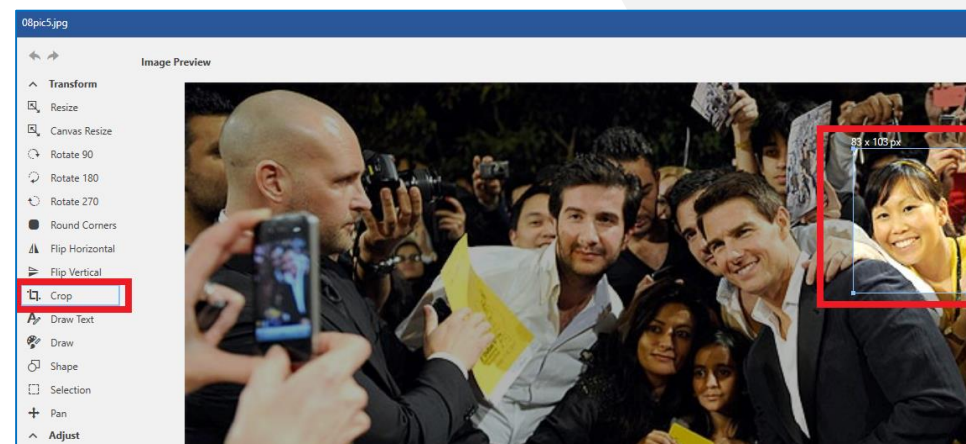
Demo 12b

Visual Intelligence

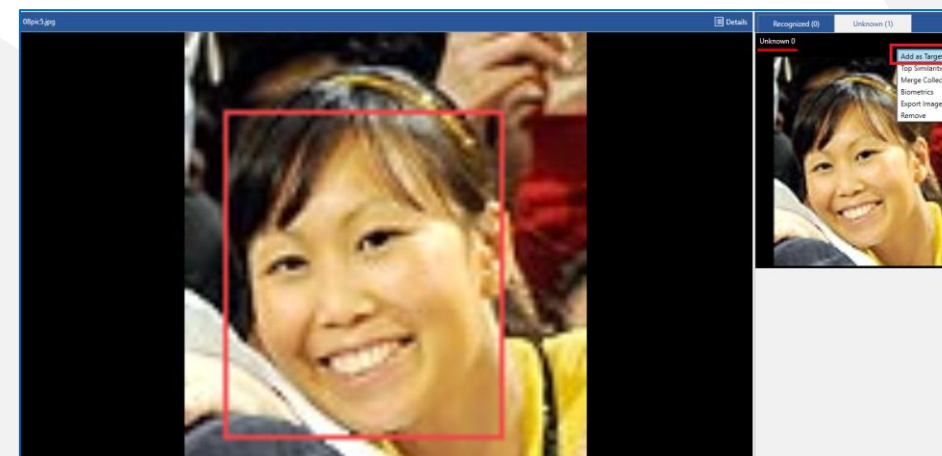
- Lice iz crvenog kruga dodajte u novi target:
- Korištenjem „Edit” i „CROP” opcije:

- „Add as Target”:

- Buffer
- U „TOP GUN” target set
- Novi Target „NN”
- Buffer
- SAVE
- RELOAD



Info	Notifications	Description
Info		
Name:	<input type="text" value="N"/>	
Surname:	<input type="text" value="N"/>	
Priority:	<input type="text" value="-----"/> <input type="checkbox"/>	
Type:	<input type="text" value="-----"/>	
Gender:	<input type="text" value="-----"/>	
Age:	<input type="text" value=""/>	
Birth date:	<input type="text" value="Select a date"/> <input type="text" value="15"/>	
Birth country:	<input type="text" value=""/>	
Birth city:	<input type="text" value=""/>	



Demo 12c

Visual Intelligence

- Ručno podešavajte opcije:

Detection (%):	80	Quality:	High
Recognition (%):	98	Res. 492	
Thresholds		Sampling	

- Dok se „NN” ne pojavi kao prepoznato („Recognized”) lice.

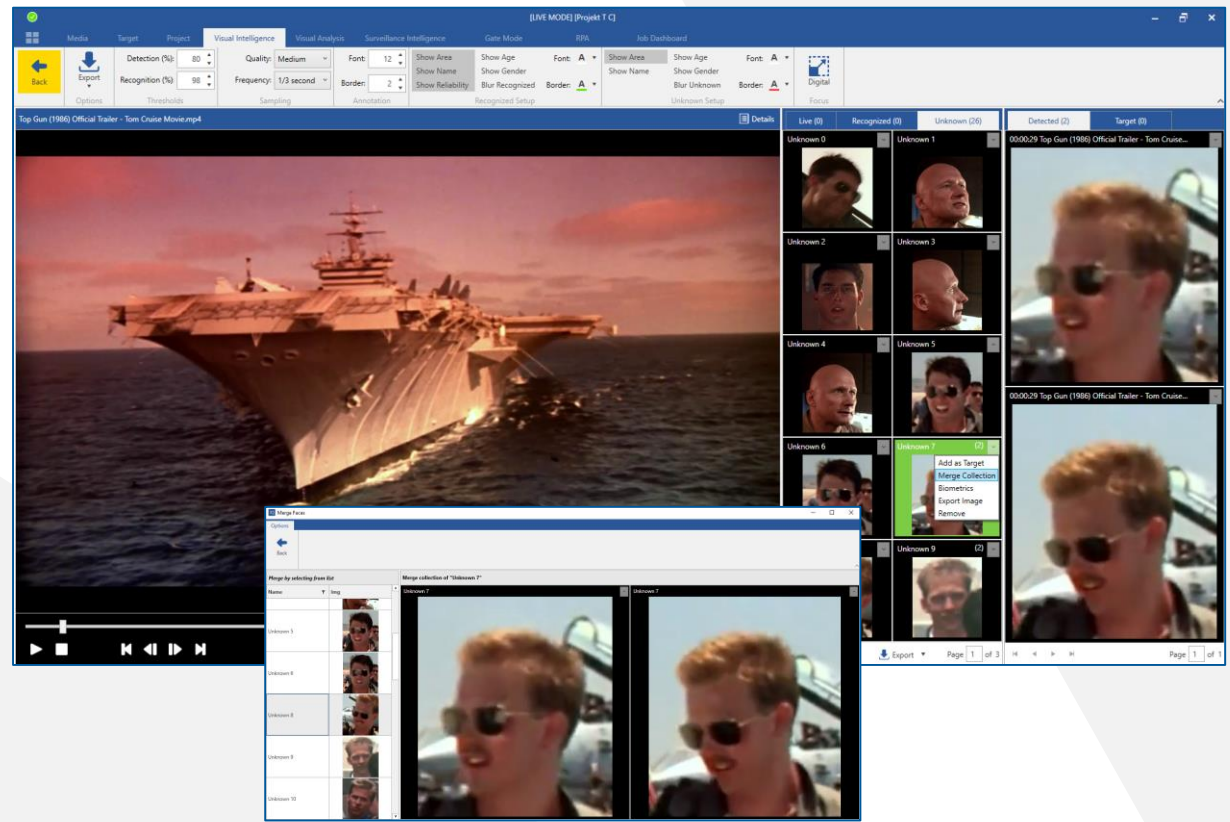
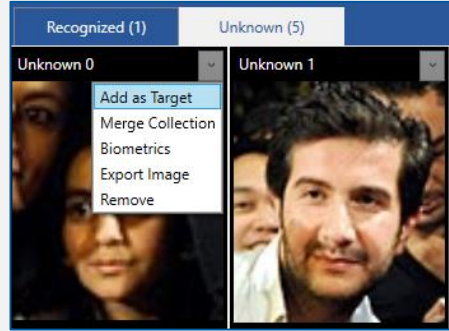
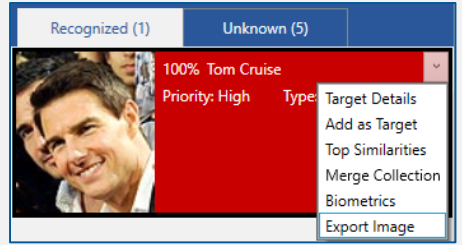
The screenshot shows the Visual Intelligence interface. On the left, a photo of a woman is displayed with a green bounding box around her face and a green label 'NN 100%'. On the right, there are two tabs: 'Recognized (2)' and 'Unknown (3)'. The 'Recognized (2)' tab shows two entries: one for Tom Cruise (100% Tom Cruise, Target Set: TOP GUN Target Set, Priority: High, Type: VIP, Gender: Male, Age: 55) and another for '100% N N' (100% N N, Target Set: TOP GUN Target Set, Priority: ----, Type: ----, Gender: n/a, Age:).

- Zašto je 100%?

VISUAL INTELLIGENCE

Visual Intelligence

- RECOGNIZED / UNKNOWN FACE(S) options:
 - Target Details
 - Add as Target
 - Top Similarities
 - Merge Collection
 - Biometrics
 - Export Image




Demo 13

- Odaberite „**Target Details**”
- Proučite što se pokazuje u novom prozoru

Visual Intelligence

The screenshot shows a search results window with two tabs: 'Recognized (2)' and 'Unknown (1)'. The 'Recognized (2)' tab is active. It displays two entries:

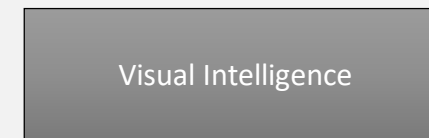
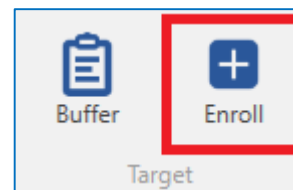
Image	Confidence	Name	Priority	Type	Gender	Age
	99%	David Beckham	Medium	Typ	Male	Age
	100%	Tom Cruise	High	VIP	Male	55

A context menu is open over the David Beckham entry, with the following options:

- Target Details (highlighted)
- Add as Target
- Top Similarities
- Merge Collection
- Biometrics
- Export Image

Demo 14a

- Odaberite „**Add as Target**”
 - Potom „**Enroll**”
 - Back
 - RELOAD
 - Ponovno kliknite na sliku u Visual Intelligence-u
 - Koliko je sada Beckham %?
-
- Pogledajte u Target modulu Target „David Beckham”; tab „Faces”.
 - Što primjećujete?



Demo 14b

Visual Intelligence

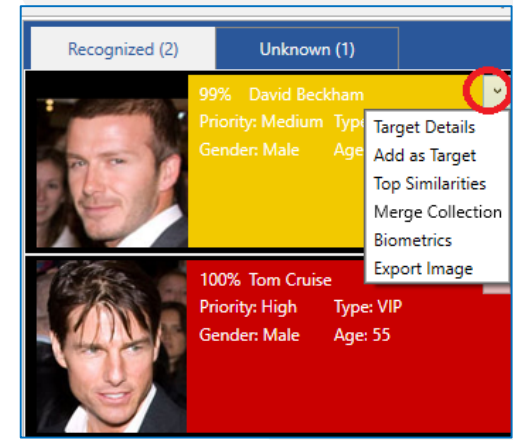
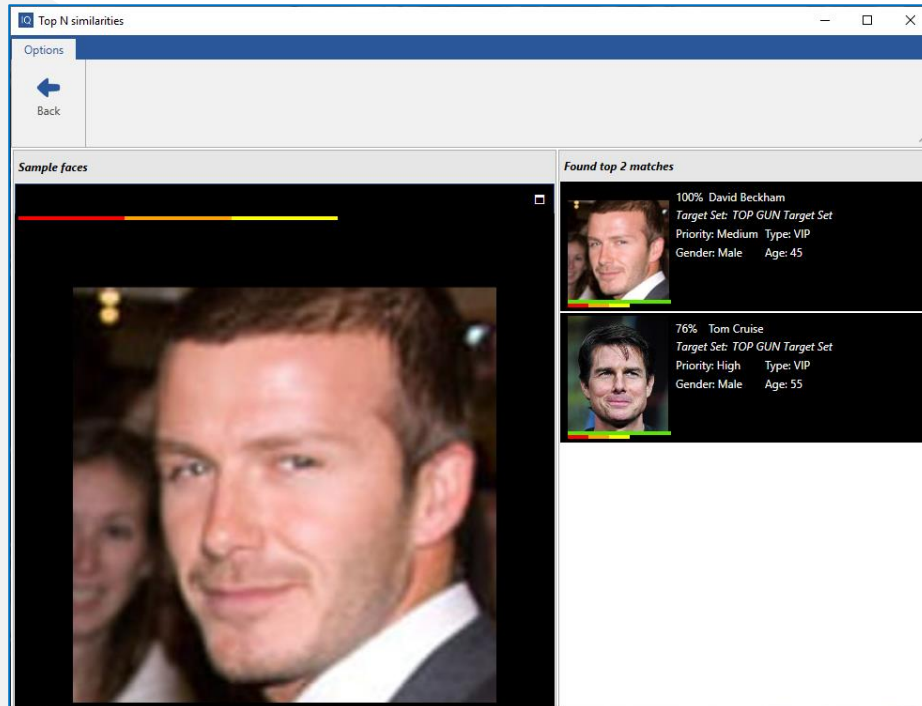
- Otvorite ponovno Target „David Beckham”.
- Kliknite na novododanu sliku lica D. Beckhama, te je obrišite („Delete”).
 - Save
 - RELOAD



Demo 14c

- Odaberite „**Top Similarities**”
- Što primjećujete?

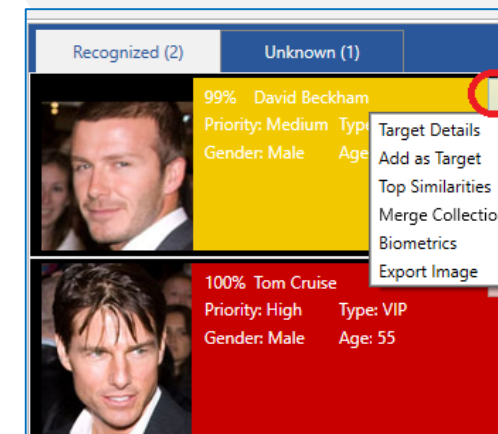
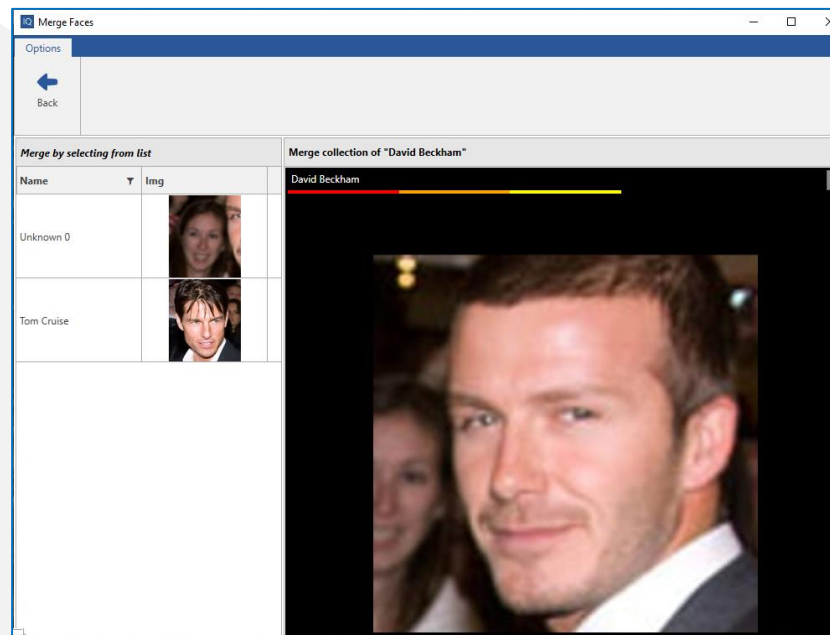
Visual Intelligence



Demo 14d

Visual Intelligence


- Odaberite „**Merge Collection**”
- Ova funkcija bolje dolazi do izražaja u analizi Video materijala:
 - Video datoteke
 - IP ili Camera stream-a



Demo 14e

- Odaberite „**Biometrics**”
- Što zapažete?
- Komentirati „Dimensions” slike

Visual Intelligence

Recognized (2)	Unknown (1)
	<p>99% David Beckham</p> <p>Priority: Medium Type: VIP</p> <p>Gender: Male Age: 35</p> <ul style="list-style-type: none"> Target Details Add as Target Top Similarities Merge Collection Biometrics Export Image
	<p>100% Tom Cruise</p> <p>Priority: High Type: VIP</p> <p>Gender: Male Age: 55</p>

Options

Back Download Show Facial Feature

Options View

Biometrics

Age: 29

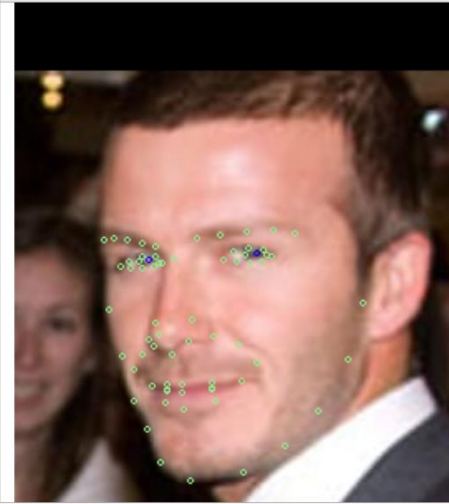
Gender: Male, 99%

Smile: 8%

Eyes open: 99%

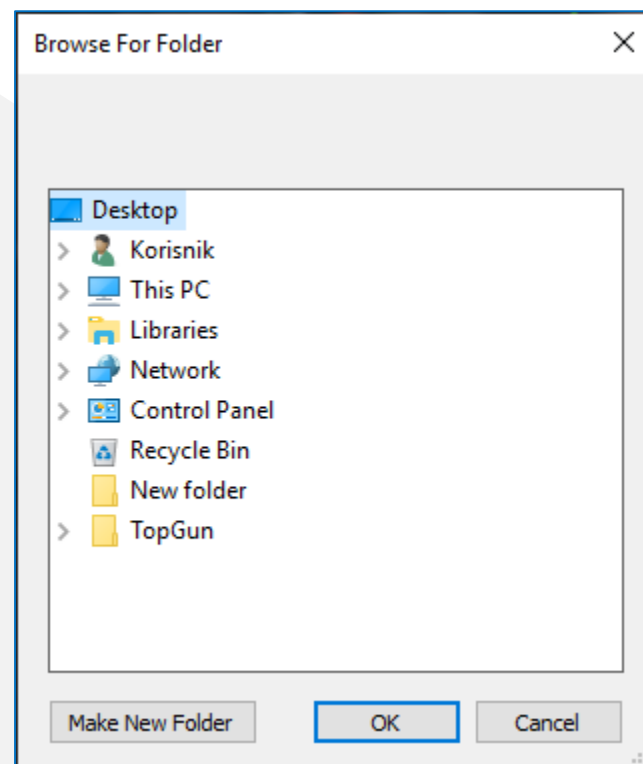
Dimension: 265 x 301

Preview



Demo 14f

- Odaberite „**Export Image**”
- Napravite izvoz u Folderu na Desktopu

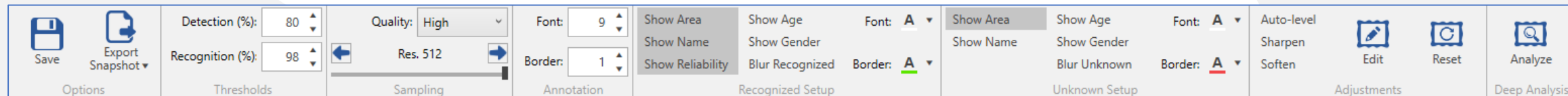


Visual Intelligence



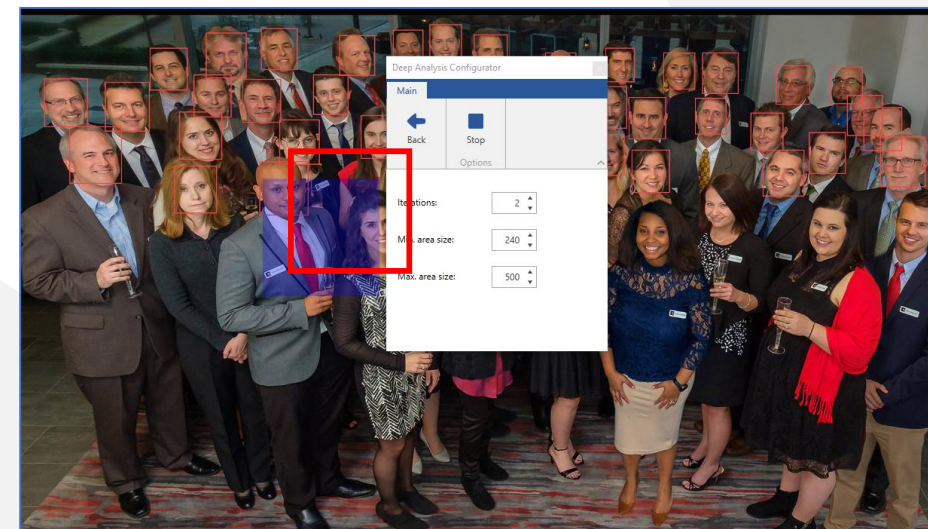
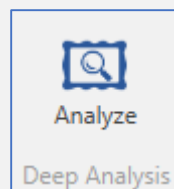
VISUAL INTELLIGENCE

Visual Intelligence



• Deep Analysis

- Iterations – broj prolazaka preko slike
- Min area size – Minimalna veličina kvadrata
- Max area size - Maksimalna veličina kvadrata



Demo 15a

Visual Intelligence

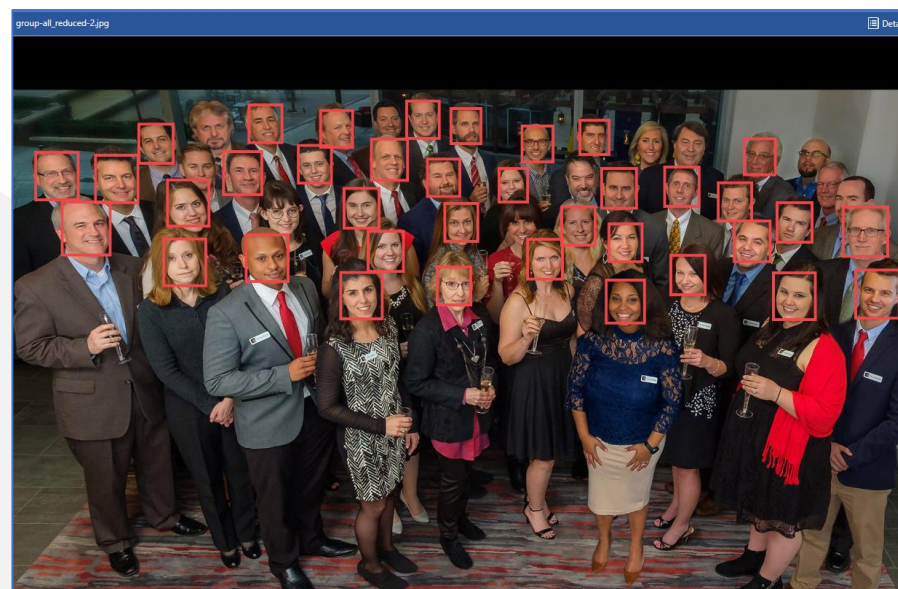
- Izradite novi projekt – „SPECIAL”
 - Dodijelite mu media set „SPECIAL”
 - Dodijelite mu target set „LFW”

- Otvorite Projekt

Demo 15b

Visual Intelligence

- Na slici „Group-all_reduced-2.jpg”:



- Opcijom Deep Analyze probajte detektirati sva lica.
- Na slici „Czarny-protest-w-Krakowie.jpg” procijenite broj ljudi
- Ponovite Deep Analyze s bilo kojom slikom navijača

Demo 15c

- Pregledati sve slike „SPECIAL” projekta

Visual Intelligence

VISUAL INTELLIGENCE - Video

Visual Intelligence

- **VIDEO**

- Live, Recognized, Unknown
- Detected, Target

- AI

- Timelapse video
- „y2mate.com - noah_takes_a_photo_of_himself_every_day_for_20_years_wAIZ36GI4p8_1080p.mp4”

Demo 16a

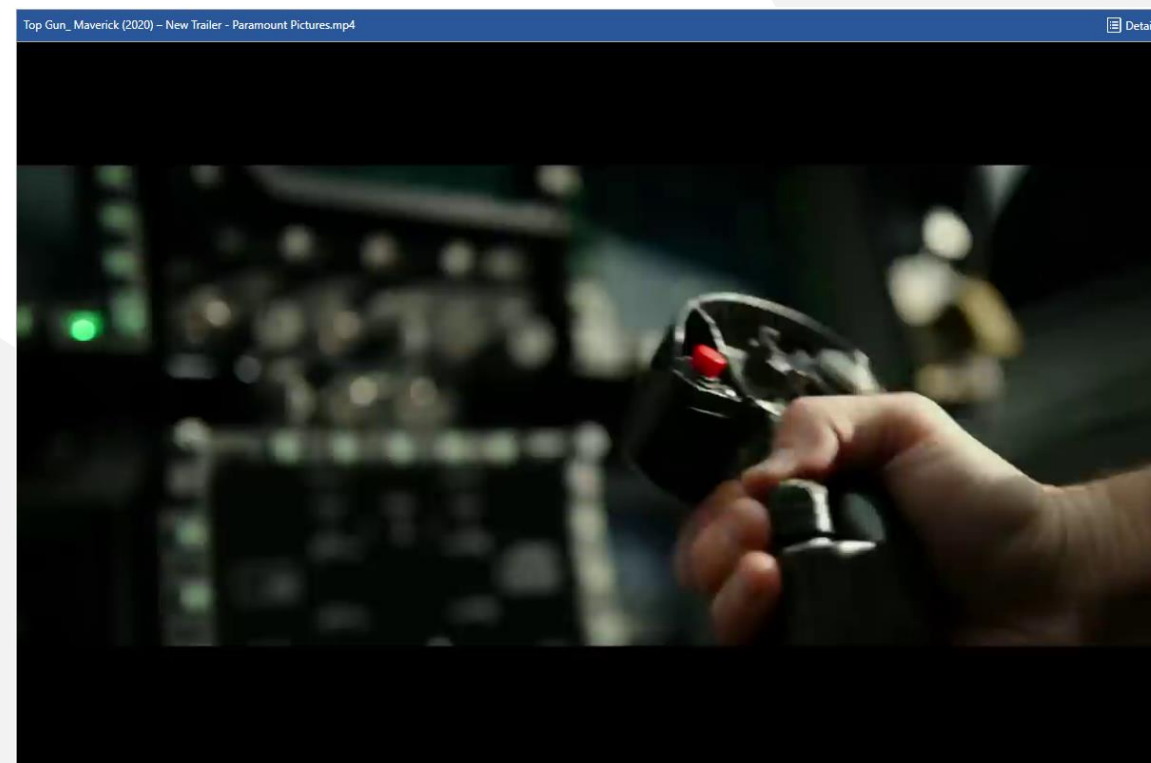
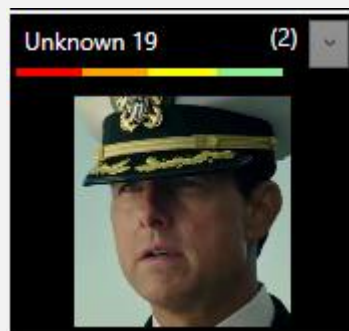
Visual Intelligence

- Kreirajte projekt „VIDEO”
 - Dodijelite Media set „VIDEO”
 - Dodijelite Target setove „TOP GUN” i „LFW”
- Otvorite projekt

Demo 16b

Visual Intelligence

- Odaberite i pokrenite (kliknite na njega) video:
 - „Top Gun_ Maverick (2020) – New Trailer - Paramount Pictures.mp4”:
- Primjetite:
 - Live, Recognized, Unknown
 - Detected, Target
 - Kao i „(2)” kod nekih slika lica
 - Merge, Enroll
 - Pokrenite opet obradu

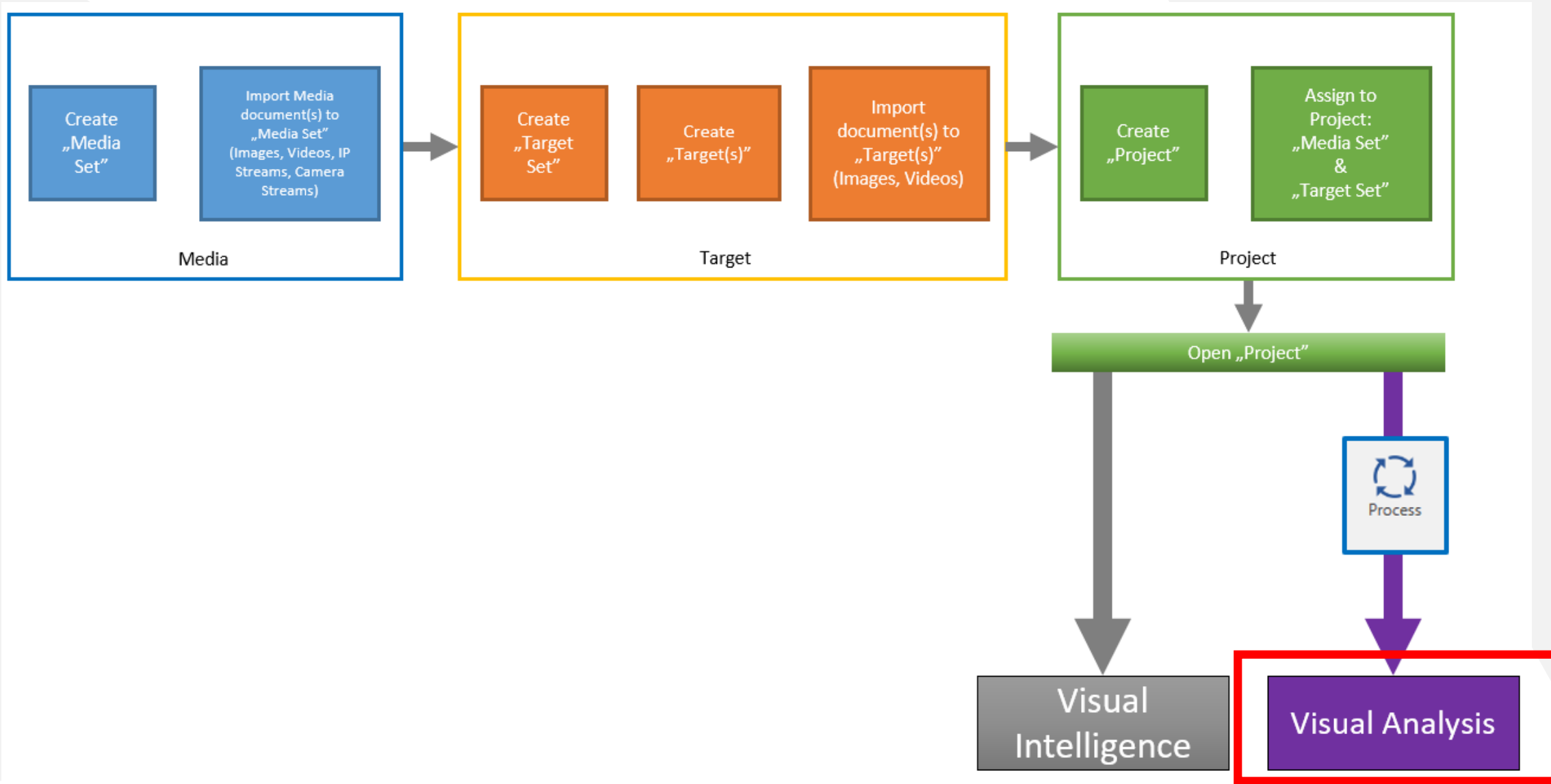


Demo 16c

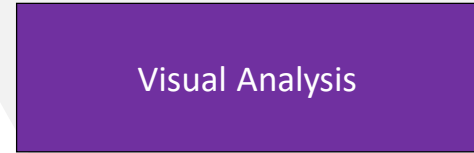
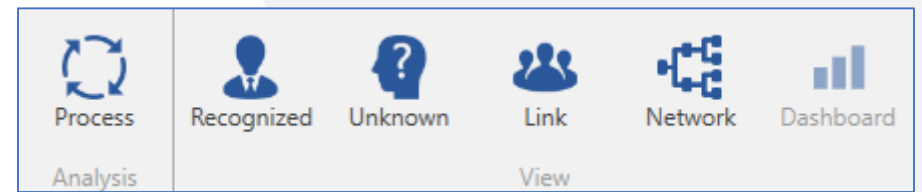
Visual Intelligence

- Pokrenite „Nadzorna kamera snimila provalnike u stan i poslovni prostor u centru Sarajeva.mp4”
- Pokušajte „Top similarities”
- Pokušati detektirati lica prekršitelja na preostalim video zapisima

POSTAVLJANJE PROJEKTA

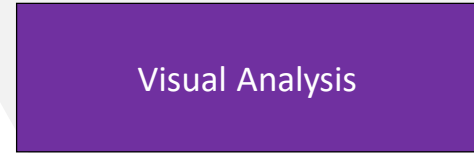
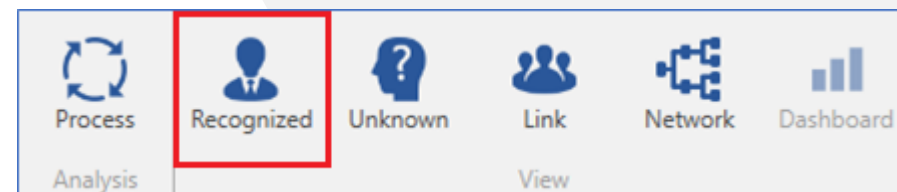


VISUAL ANALYSIS



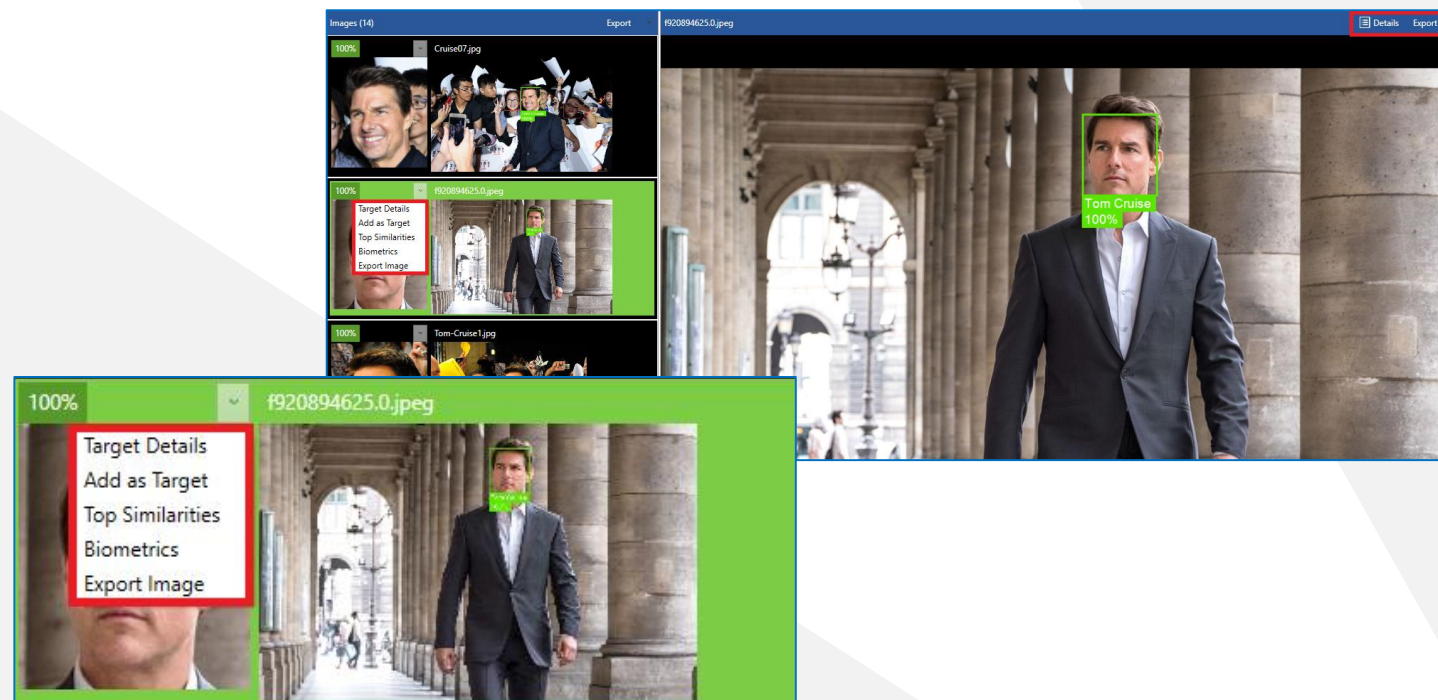
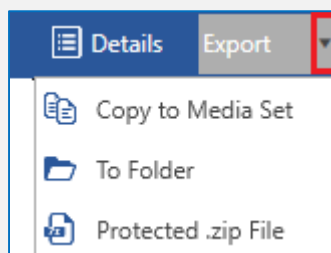
- Recognized - Najčešće prepoznata lica
 - U kojim dokumentima (video/slika)
- Unknown - Najčešće neprepoznata lica
 - U kojim dokumentima (video/slika)
- Link - Najčešće međusobno povezana lica
 - U kojim dokumentima (video/slika)

Demo 17 - Recognized



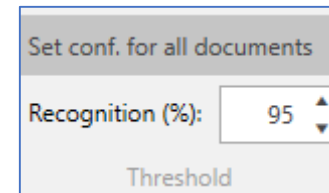
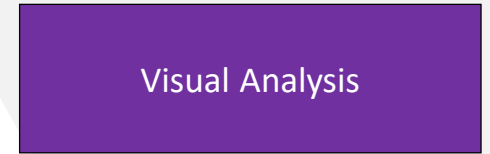
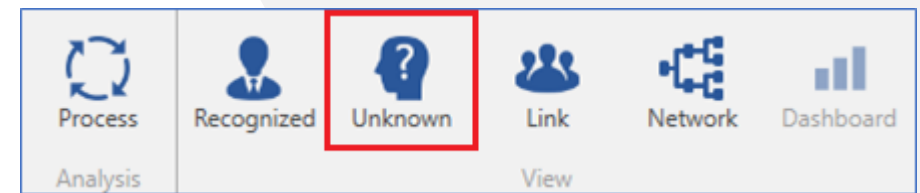
- Učitajte projekt „TOP GUN”
- Pokrenite „PROCESS”
- Po završetku obrade, odaberite „**Recognized**”.

- Primjetite opcije:
 - Desno u kutu slike lica
 - Details
 - Export

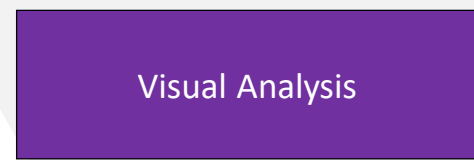
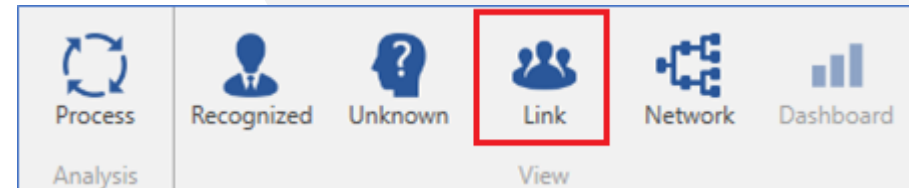


Demo 18 - Unknown

- Odaberite „**Unknown**”.
- Odaberite bilo koju „Unknown X” stavku.
- Smanjite threshold analitike na 95%
- Ponovno process
- Prokomentirati rezultate
- Napraviti novi target „Viktoria Beckham”
- Ponovno procesirati

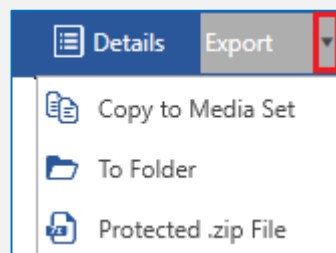


Demo 19 - Link



- Odaberite „**Link**”.
- Odaberite bilo koju „povezanu” stavku.

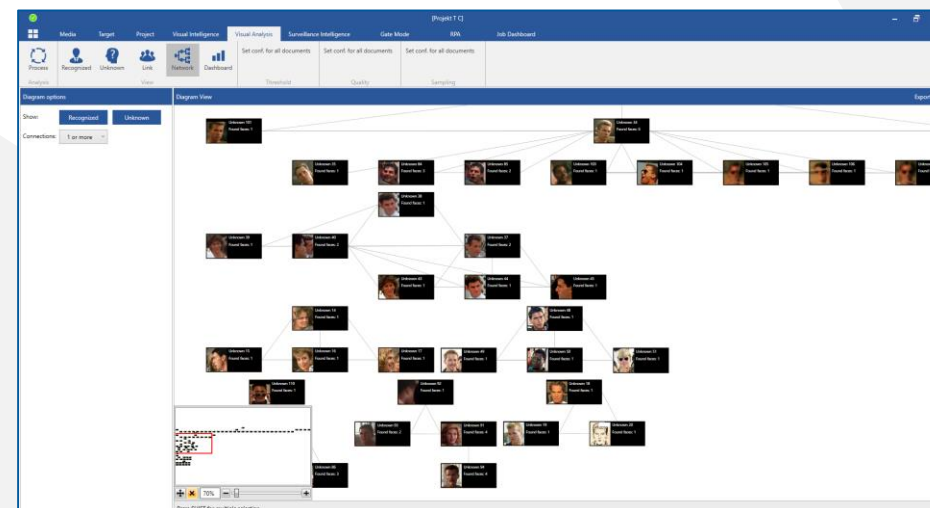
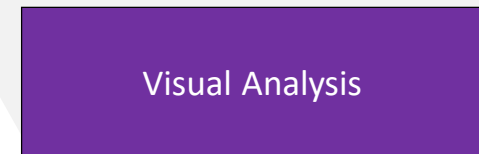
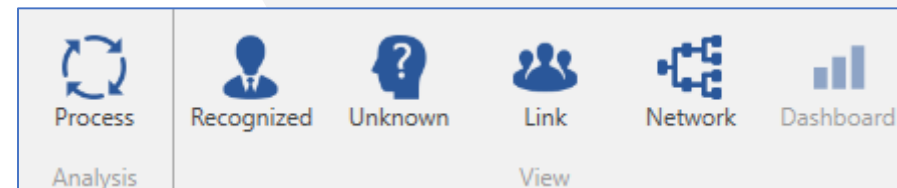
- Primjetite opcije:
 - Desno u kutu slika oba lica
 - Details
 - Export



Name 1	Name 2	# Images
Tom Cruise	David Beckham	3
Tom Cruise	Unknown 17	2
David Beckham	Unknown 17	2
Unknown 35	Unknown 39	2
Unknown 2	Tom Cruise	1
Unknown 2	Unknown 3	1
Tom Cruise	Unknown 3	1
Tom Cruise	Unknown 5	1
Tom Cruise	Unknown 6	1
Tom Cruise	Unknown 7	1
Unknown 5	Unknown 6	1
Unknown 5	Unknown 7	1

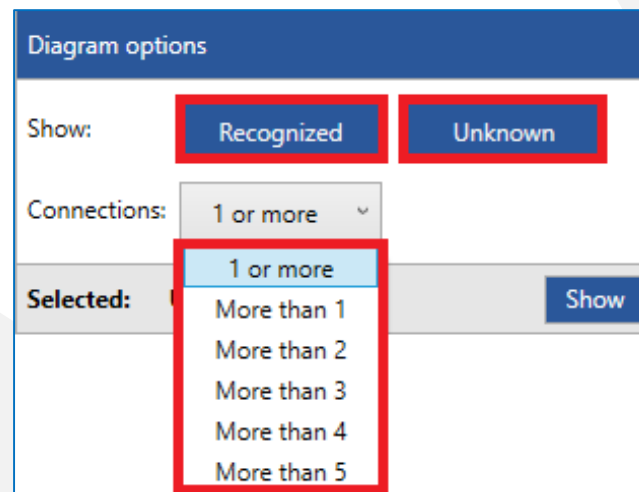
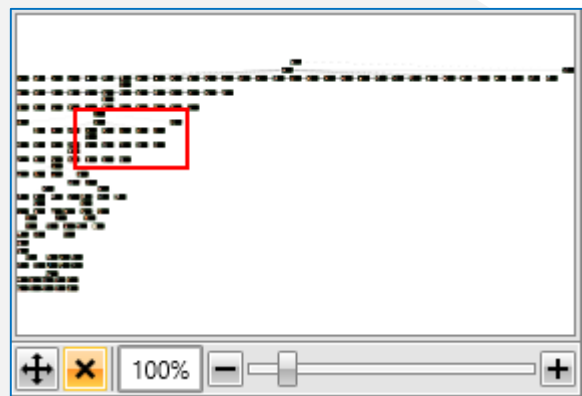
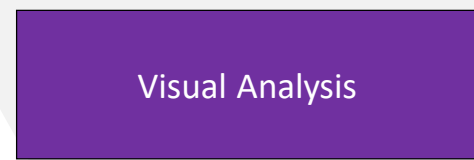
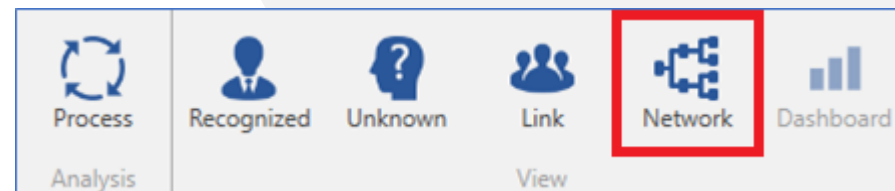
VISUAL ANALYSIS

- SNA – Social Network Analysis
- Network
 - Prikaz povezanih Ciljeva u mrežnom dijagramu
 - Rudarenje (drill down / mining)



Demo 20a - Network

- Odaberite „**Network**”.
- Prođite kroz „Diagram Options” opcije:
- Zapažanja?



Demo 20b - Network

Process Analysis | Recognized | Unknown | Link View | **Network** | Dashboard

Visual Analysis

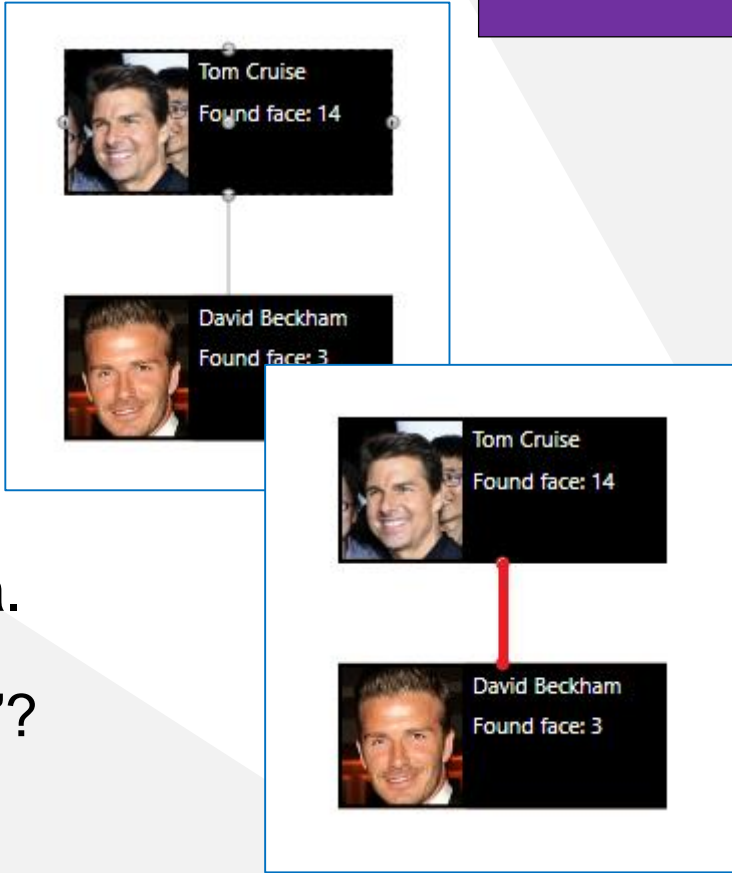
• Odaberite kao na slici:

Diagram options

Show: Recognized Unknown

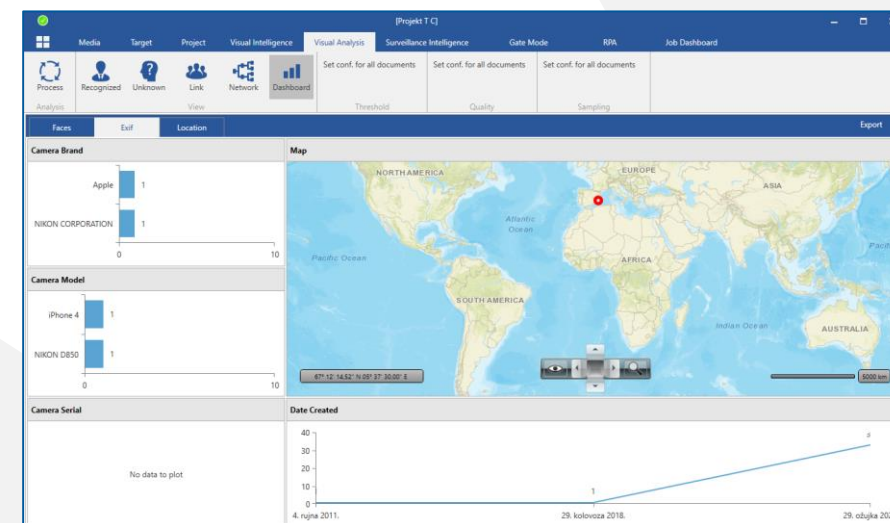
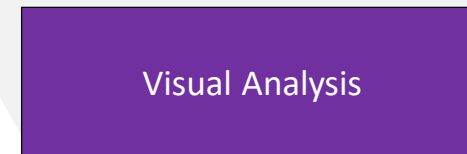
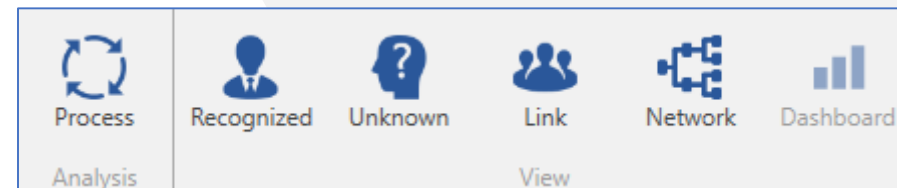
Connections: 1 or more

- Kliknete prvo na T. Cruisa, pa potom na D. Beckhama.
- Što se dobiva klikom na tipku „SHOW”?
- Kliknete na poveznicu T. Cruisa i D. Beckhama.
- Što se dobiva klikom na TREĆU tipku „SHOW”?
- Zapažanja?



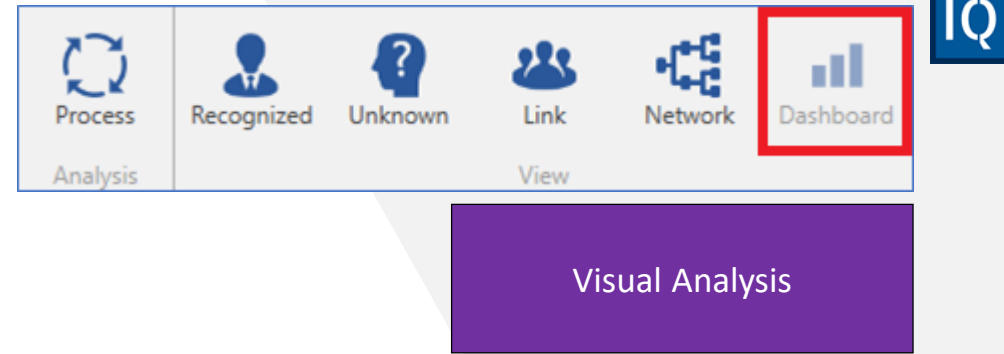
VISUAL ANALYSIS

- GIS – Geographic Information System
- Dashboard:
 - Faces
 - EXIF
 - Prikaz Ciljeva na karti
 - Praćenje kretanja Cilja u vremenu i prostoru
 - Location



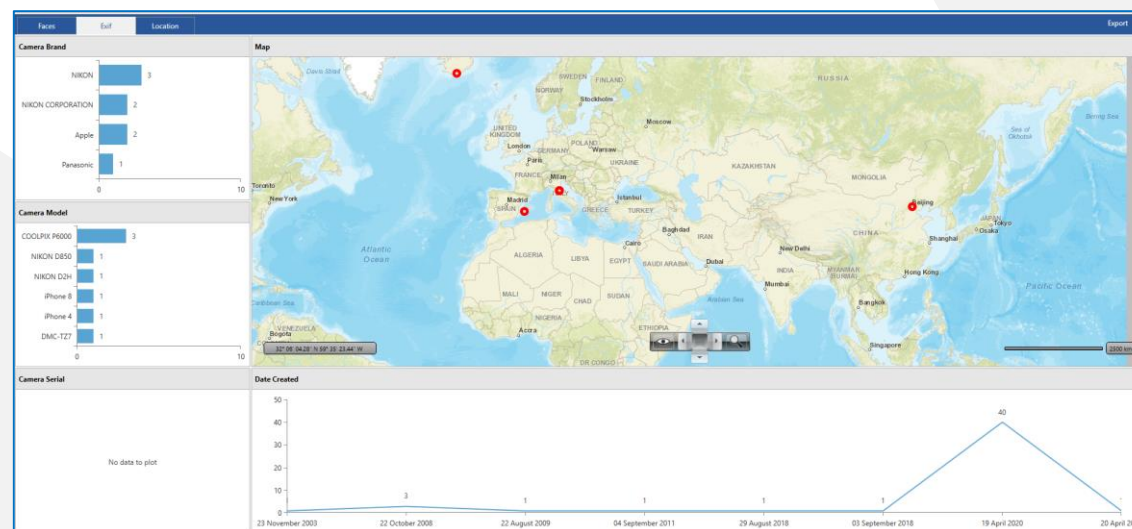
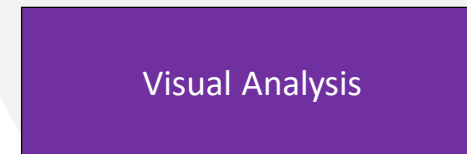
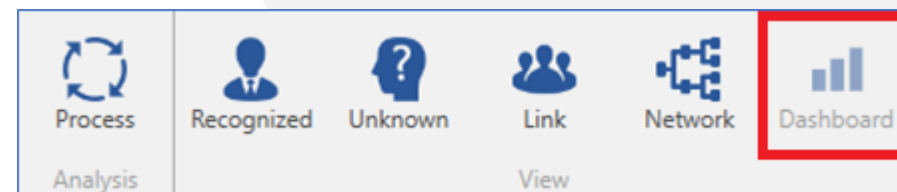
Demo 21a - Dashboard

- Odaberite „Dashboard”.
- Pokazuje se tab „**Faces**”.
- Primjetite:
 - Recognized faces
 - Unknown faces
 - Linked faces



Demo 21b - Dashboard

- Odaberite „Dashboard”, te „EXIF” tab.
- Zoom-irajte Rim.
- Zapažanja?
 - Camera Brand
 - Camera Model
 - Camera Serial
 - Date Created
- Otvorite fotografiju
- Odaberite tab „Location”.

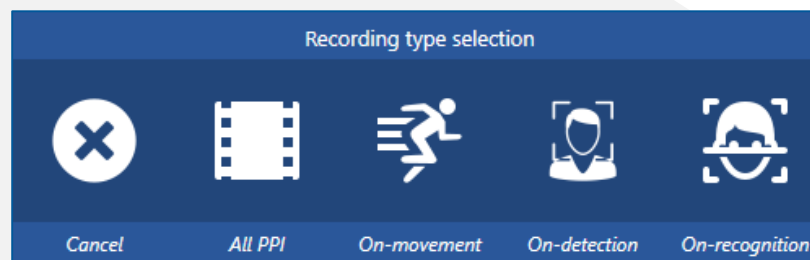
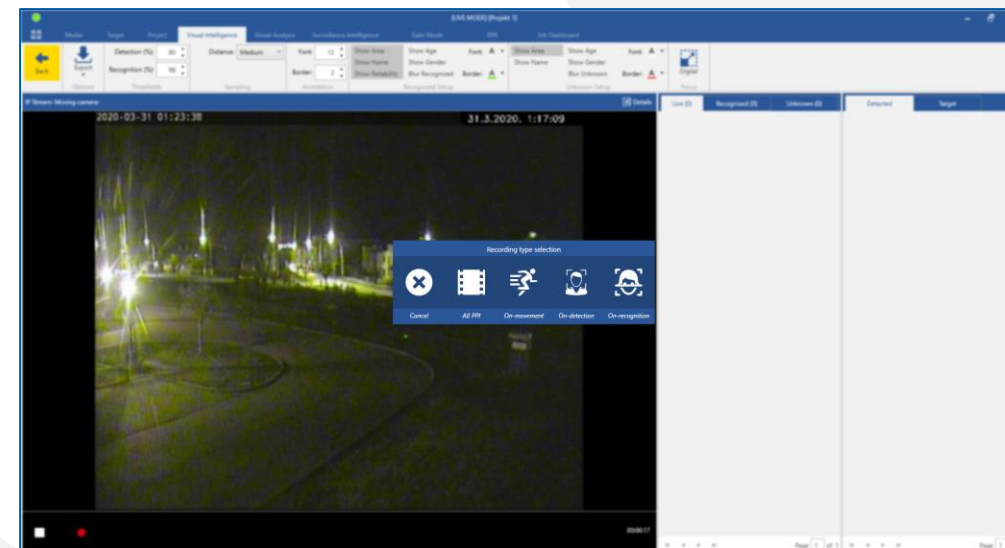


VISUAL INTELLIGENCE - Stream

Visual Intelligence

• STREAM

- IP slijed (IP Stream)
- Video slijed (Camera Stream)
- Live, Recognized, Unknown
- Recording Stream
 - All PPI
 - On-movement
 - On-detection
 - On-recognition



Demo 22a

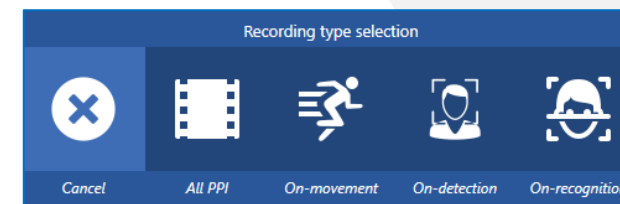
Visual Intelligence

- Kreirajte projekt „KAMERE”
 - Dodijelite media set „KAMERE”
- Otvorite projekt

Demo 22b

Visual Intelligence

- Koristeći laptop kameru
- Detektirano lice (vlastito) dodajte u target koristeći buffer
- Proširite projekt sa novim target setom
- Ponovno upalite kameru i uvjerite se da vas je sustav prepoznao



- Pokrenite redom 4x snimanje u trajanju od po 15s:
 - All PPI
 - On-movement
 - On-detection
 - On-recognition

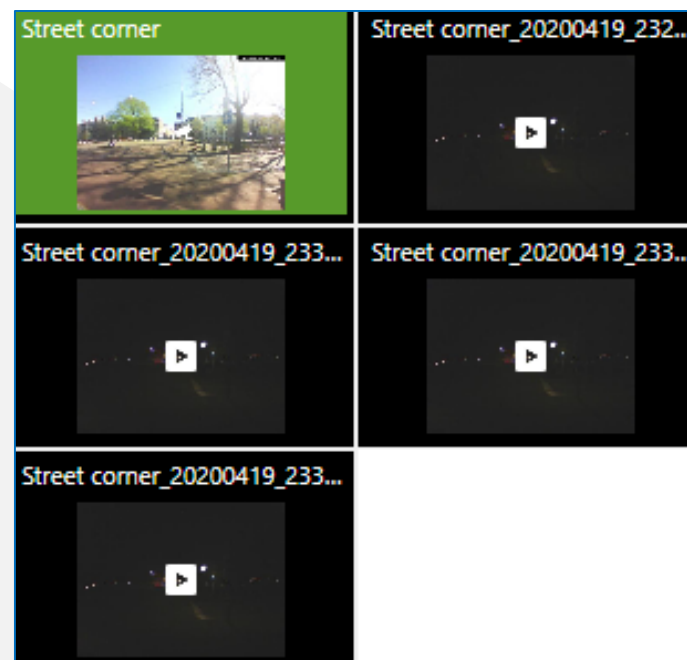


- Start record, stop record, BACK
- Pronađite sve 4 snimke; kliknite na njih (PLAY).
- Zapažanja?

Demo 22c

Visual Intelligence

- U Visual Intelligence modulu, odaberite i pokrenite (kliknite na njega) IP Stream kojeg ste unijeli:
 - „Tržnica”.



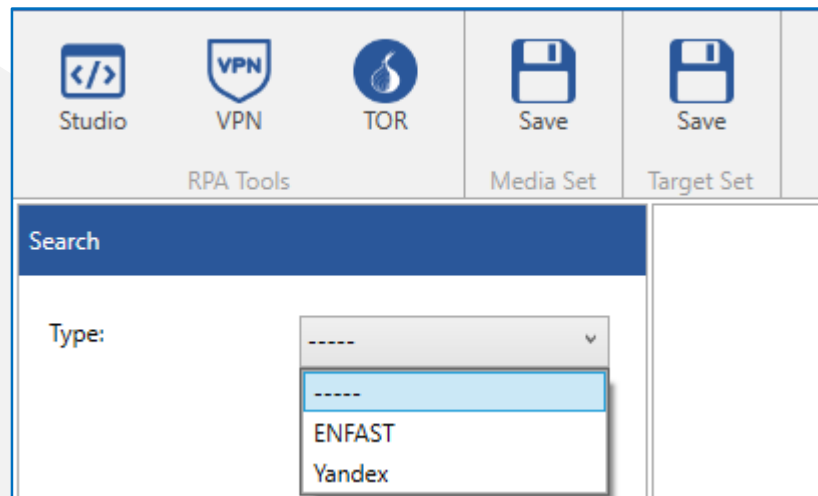
Demo 22d

- Ponovite Demo ali koristeći „SIVU” ili „BULET” IP kameru (IP Stream).

Visual Intelligence

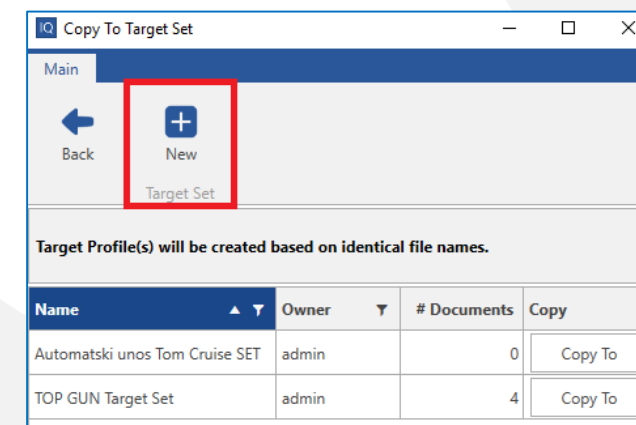
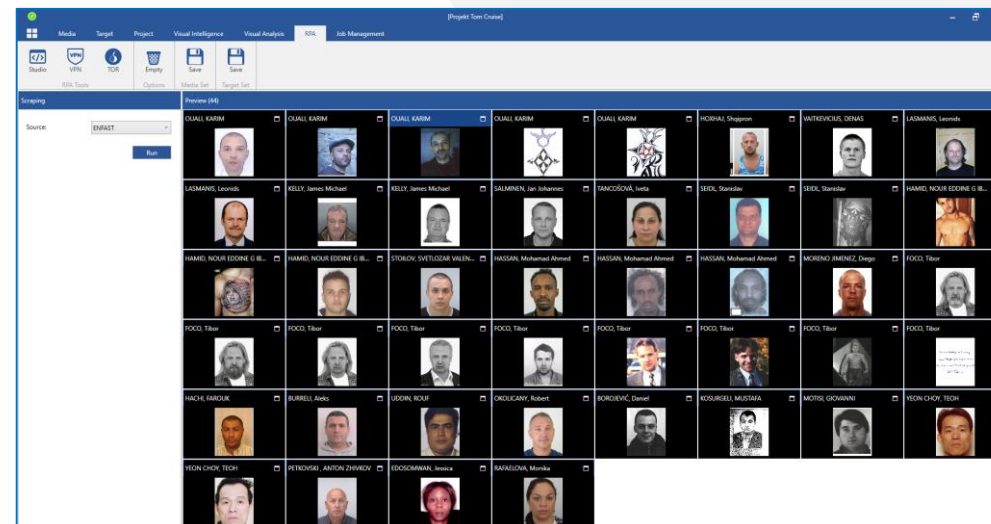
RPA

- RPA – Robotic Process Automation
 - RPA STUDIO



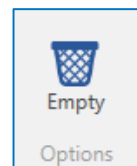
Demo 23a - RPA

- Odaberite RPA modul.
- Pokrenite „Scraping“:
 - ENFAST.
- Ne isključujte „Web Browser“ i „Cmd“ prozore dok se obrada ne završi.
- Pohranite rezultate u novi Target Set „ENFAST“.
- Pregledajte rezultate

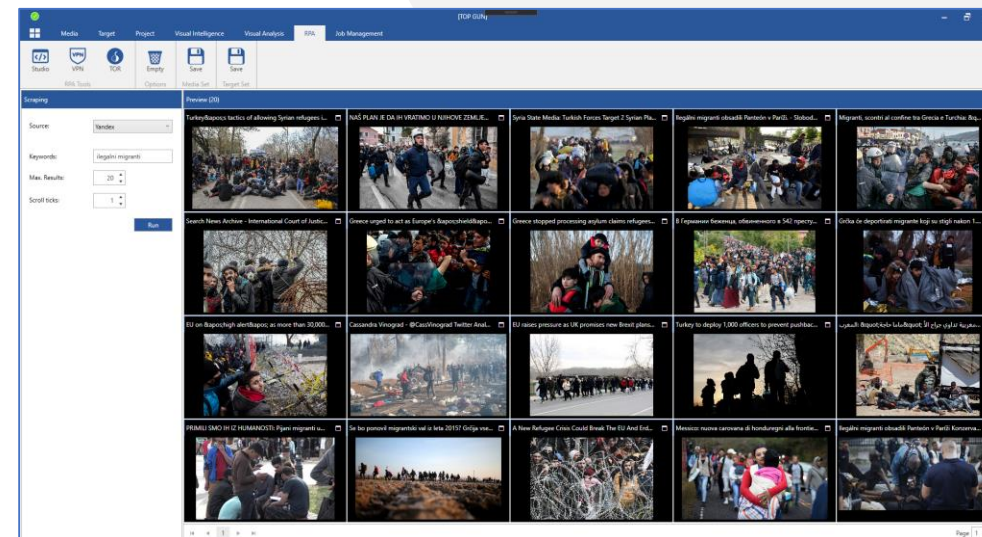


Demo 23b - RPA

- Odaberite „Empty”.



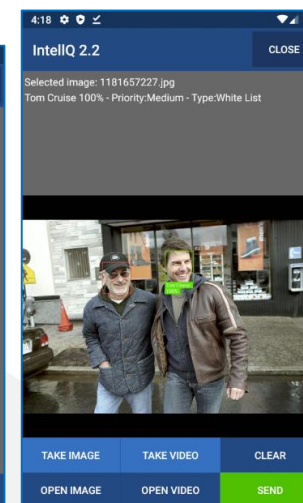
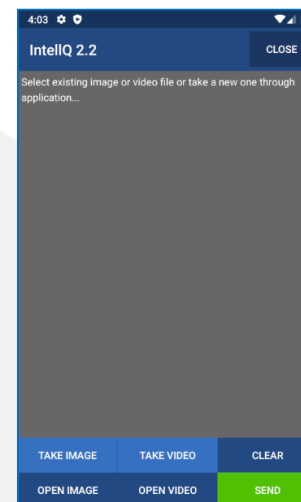
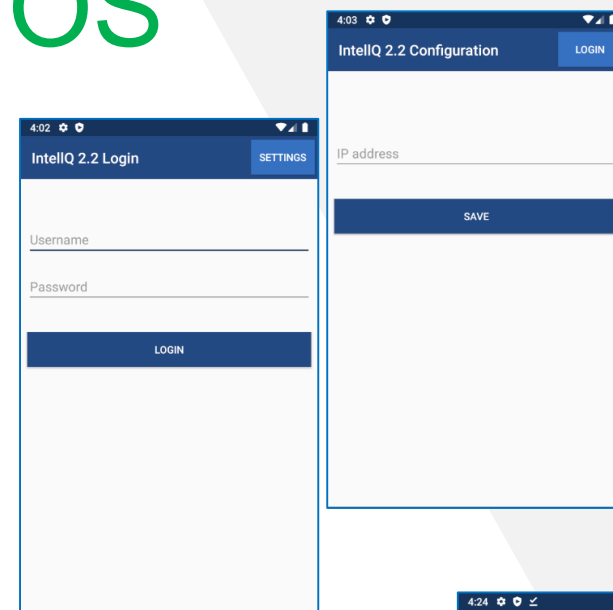
- Odaberite source unutar „Scraping”:
 - Yandex.



- Unesite ključnu riječ po odabiru. Npr. „ilegalni migranti”.
- Max Results: 20
- Scroll Ticks: 1
- RUN.
- Ne isključujte „Web Browser” i „Cmd” prozore dok se obrada ne završi.
- Pohranite rezultate u novi Media Set „MIGRANTI”.

INTELLQ MOBILE za Android OS

- Funkcije:
 - Slanje fotografije / videa na IntellQ Server
 - Slikanje i snimanje
 - Povratne informacije:
 - Prepoznata osoba:
 - Ime osobe
 - Drugi podaci iz centralnog sustava
 - Nepoznata osoba:
 - Informacija da osoba nije prepoznata



Kraj dokumenta.