GET VISION

User Manual

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Get Vision process summary

Objects

Add your assets together with basic parameters as:

- Location
- Installed power
- PV panel power
- PV panel size
- Area, etc.

Rules (optional)

Configure your own rules for classification of damages priorities or use our default rules

New Al inspection

Enter drone flight and weather details, upload drone images for Al analysis Verify inspection Check inspection results on interactive orthomosaic, add additional damages detected by Your own and summary

Generate complete PDF report incl.:

- Asset details
- Inspection details
- Charts
- Power and tariff
 loss
- Situational map
- Orthomosaic
- Details of each
 damage

Manage assets inspections

Create new asset inspection, generate reports from inspections and configure their templates and layouts



Manage your assets

ALL MISION		PV Farm		*		Obj	je
				+		Object	
	01-01-2020	5-05-2024		id in h		NO.	
Home			\sim	Great Britain	me	1	
	EPV Pieczyska I				ia	3	
Objects			×	Vales Birmingh Cardiff Londo		4	
Rules	EPV Test Farm					6	
\bigcirc			×			7	
Statistics	EPV Pieczyska I ID: 72,		Verify report	t Nantes	Ce.	8 9	
Users			^			10	
Payments	Lubajny ID: 24,		Verify report	eak power and	ihe n	11 umbe	er
				of photos are calculation of the	used insp	for ectio	'n
	EPV Test Farm ID: 71,		Verify n	price and will be GV tear	verif n	ied b	y
quo			~	ladrid	4/	14	
	EPV Pieczyska I		Verify repor	Panel size an power are r calculation o tariff	d mo need f pov loss	iximu ed fo ver ai	m r nd

New object	Objects Rules ×
Address	Add asset parameters to be displayed in the PDF report
Object name	st
Object name	Street
Country	Region
Country 🗸	Region
City City Latitude	Post code Post code Post c Longitude from e.g., Google maps in format 43.6058306588137, 5.7575391568875 to display it on the map
Latitude	Longitude
Details	
Peak power (MW)	Area (ha)
Peak power	Area
Panel model	
Panel model	Inverter Model

NAME 🛧

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Configure priority rules

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Internal hotspot

+ -

Add and edit damage types

[GET WISION]			
			PV Farm
	Search		
^	01-01-2020		11-06-2023
Home Objects Rules	Madrid 10.06.2023		j Verify report
	Madrid 10.06.2023		i Verify report
	Madrid 10.06.2023		⊘ Edit draft
Statistics	Paris		A Edit draft
Users	10.06.2023 EPV Kepsko 1 09.06.2023	Typical PV 20.000 cm	y panel area is 15.000- 1 ^{2.} Plant shadings may
	EPV Kepsko 1 07.06.2023	cover up maxim	to several panels thus um damage size is 100000 cm ^{2.} .
	EPV Kepsko 1 07.06.2023		Verify report
	EPV Kepsko 1 07.06.2023		Edit draft
Group	EPV Kepsko 1		

		priorities	
Rules of damage classification	New rule		Objects Rules
NAME 🛧 🗸	RECOMMENDATION $\uparrow \downarrow$	COLOR 🛧 🗸	ACTIONS
High	Replace	Red	✓ ×
Medium	Replace	Yellow	í ×
Low	Replace	Green	<i>I</i> ×
Range of damage size for rules			
Severity name	Damage area (cm2)	Min	Max
High			
Bypass diode failure		80001	100000
Internal hotspot		80001	100000
Plant shading		80001	100000
Non-working module		80001	100000
Medium			
Internal hotspot		• 30001	80000
Plant shading		• 30001	80000
Bypass diode failure		• 30000	80000
Non-working module		• 30001	80000
Low			
Bypass diode failure		0	30000

Priorities classification is based on damage size thus it needs to be correctly adjusted.

30000

0

Default priority rules – available in app soon, for now filled in manually

Rules of damage classification	New rule		1	Dbjects Rules		
NAME + +	RECOMMENDATION + +	COLOR + +		ACTIONS		
High	Replace	Red		/×		
Medium	Replace	Yellow		∕ ×		
Low	Replace	Green		ll ×		
Range of damage size for rules						
Severity name	Damage area (cm2)		Min	Max		High priority is applied to Bypass diode
High Bypass diode failure		•	80001	100000		failure and Non-working module with range $1 - 99,999$ cm ² . Other damages
Internal hotspot		•	80001	100000		are excluded with range 100 000-
Plant shading		•	80001	100000		100.000 or 0-0 cm ²
Non-working module		•	80001	100000		
Medium						
Internal hotspot		_	30001	80000		Medium priority is applied only to
Plant shading		-	30001	80000		Hotspots with size 1 – 99.999 cm ² .
Bypass diode failure		_	30000	80000	-	
Non-working module		-	30001	80000		
Low						
Bypass diode failure		_	0	30000	_	
Internal hotspot	·	-	0	30000		Low priority is applied only to Plant
Plant shading		_	0	30000		shadings size 1 – 99.999 cm ² .
Non-working module	••	-	0	30000		
Save changes						



Create new Al inspection

сн <mark>г</mark>	Inspection reports	PV Farm	Nev	v inspection Configure report		New inspection	Draft Complete
	Search		+	1/ 201		Objects, drones and cameras of customer:	~
	01-01-2020	15-05-2024	-			Overview	
1			1		1 / 1 22	Object	Inspection date
		×		Skupsk	Gdynia Gdańsk	Select object 🗸 🗸	15-05-2024
	EPV Pieczyska I				ourtwo E	Company providing inspection	Person responsible for inspection
I	ID: 74, 07.05.2024	×	icklenburg irpommern	Enter flight details	Jane 2	Enter	Responsible person
	EPV Test Farm			województwo		Flight details	
I	ID: 73, 07.05.2024	×		zachodniopamarskie Szczecin	Grudziądz	Flight start	Flight finish
	FPV Pieczyska I			Option to choose from	wojewodztwo	dd/mm/yyyy hh:mm (a p)m	dd/mm/yyyy hh:mm (a p)m
I	ID: 72, 06.05.2024	×		great variety of drones,	kujowsko pomorskie	0	200
I			Barlin	RGB and Thermal cameras	Włocjaweł	T-1000	FLIR Zenmuse XT2 - 9Hz 640 R 1
I	Lubajny ID: 24, 26.04.2024	Vesity report	Porsdam	International Contentions were were and the	mast	11000	
I				wojewodztwo lubunkie	Konin	Thermal camera	
I	EPV Test Farm ID: 71, 25.04.2024	Venity report:		Gora Gora		FLIR Zenmuse XT2 Thermal - 9H 🗸	
I		^		s Leszno	Kalisz wojev	Weather	
I	EPV Pieczyska I	Verify report	izig the first fit	Select weather details	A Contraction	Cloud coverage (Okta)	Irradiance (W/m ²)
I	Hart - y wy ne i sur Tudoladau I	X	Dresden		and a second	Cloud coverage (Okta) 🗸 🗸	Irradiance (W/m²)
I	EPV Pieczyska I		Chemnitz Sachsen	nad Liberec Jelenia dolnośloskie	- socho	Wind speed (Pft)	Wind direction
I	ID: 69, 19.04.2024	X	Lab	em Gore Wabrych wojewo	aztwo	Wind speed (Bft)	Wind direction
I	Aero Inspect - Test		Severalbook	How severalization Share	Wajewodztwo		
	ID: 68, 09.04.2024	×	Karlovy Vary	Praha	Sigskie Rybnik	Air temperature (C°)	Relative humidity (%)
	FDV/ Bingmuthe L		7 X	lipload PGB and thermal	koslezsko	Air temperature (C°)	Relative humidity (%)
N	ID: 67, 09.04.2024	X veny report	Pizeň	photos and start Al	Biała	Uploaded images No uploaded ima	ges 😌
				analysisl			



Drone details (New Drone)



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Drone details (New RGB Camera)



Drone details (New Thermal Camera)

510H				
Inspection reports		New inspection Configure report	New inspection	Add camera
				Model
.Search		+ Bane son	Add camera details.	Camera model
01-01-2020	23-05-2024		Thermal camera	Lens
			horizontal Field of View is	Lens
0:1,23.05.2024	×		needed for a correct	
			calculation of the	Min Max
			damage size	
			dd/mm/ww/hh:mm (al p)n	Min Max
		Hostalin portozare		Camera FOV
			Obtern management	Field of view type FOV [°]
				Horizontal FOV 👻 Field of view
			Thermal camera	Mark as default
			Ostroeu	
			Select camera	
			DJI Zenmuse H20N Thermal Wi	de Save Cancel
		werkendinger Unsuite	Wanzawa Sada	om ,
			Dil Zenmuse XT 640×512.7.5 m	m
			unique d'Altre Assilia	
			Dji Zenmuse H20T	
			Dji Matrice 30 Series Thermal	
			DJI M2EA Thermal Camera	
			Tarnobizeg	
		Parduoice	Tarrow no pushiring	
			estojo mongonala de Isala Kropno	
			where and the second	
			antering and antering	
DAN				

Finalize Al inspection





Home

Objects

Rules

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Generate PDF report with

inspection results. Presonalize

View RGB Orthomosaic

01-01-2020		
Inspections of customer:		
EPV Pieczyska I ID: 74. 07.05.2024	Save summary Damages map and orthomosaic	Map RGB Mosaic
EPV Test Farm 10: 73: 07:05 2024		
EPV Pieczyska I ID: 72, 06.05:2024		
Lubajny ID: 24, 26.04.2024		
EPV Test Farm 1D: 71, 25.04.2024	Click on icon to display damage details	
EPV Pieczyska I ID: 70, 21.04.2024		
EPV Pieczyska I ID: 69, 19:04.2024		
Aero Inspect - Test ID: 68, 09.04.2024	Summary of identified damages	
EPV Pieczyska I ID: 67, 09.04 2024	Low Medium 2 1	
EPV Pieczyska I ID: 66, 08.04.2024	Damage priority Damage priority APPROX	VED
	2 Bypass diode failure	-

Display identified damages

e				1	2 4 2		
EPV Pic	eczyska l 07.05.2024			(4) (4) (4) (1)	1 1 2		
EPV Te	est Farm 07.05.2024				Display damage details, add comment and remedy		💻 Leaflet
EPV Pi	eczyska I	Summary of	f identified damages		action		
ID: 72, 0	06.05.2024	Low					
Lubaia		164					
ID: 24, 2	IV 26.04.2024		DAMAGE	SEVERITY	PREVIEW	APPROVE	
		1	Bypass diode failure	Low		\checkmark	
EPV Te ID: 71, 2	est Farm 25.04.2024	2	Bypass diode failure	Low			
EPV Pi	eczyska l 21.04.2024	3	Bypass diode failure	Low	S	\checkmark	
		4	Bypass diode failure	Low	5		
EPV Pi ID: 69, 1	eczyska 19.04.2024	5	Bypass diode failure	Low	-		
Aero Ir	nspect - Test	6	Bypass diode failure	Low	-		
		7	Bypass diode failure	Low	-		
EPV Pi ID: 67, 0	eczyska 09.04.2024	8	Bypass diode failure	Low	11		
EPV Pie	eczyska i	9	Rvoass diode failure	Low	-		
ID: 66, 0	08.04.2024					Verify	Review all im

Review all images from inspection and verify report

GET IT DAN GET WISION

Display damage details



	Add com action f	iment and r for the PDF r	emedy eport	ن. د
Attach the result to th	e report			
Damage type Bypass diode failure				Ŷ
Priority				
Low				×.
Comment				
		•		
Remedy action				

Save < <u>1</u> > Remember to save changes

>

Replace

Temperature

Delta temperature [°C]

Max temperature [°C]

Min temperature [°C] Image created: 04.08.2022

Latitude: 51.5029535

Longtitude: 18.0315039

26.9

49,1

-4.6



Review all im		Add your own damages	Add and edit new custom damage types
Search Search Ot-01-2020 Orio Statisticated	reference of the format o format o format of the format of the format of	TJPG TJPG TJPG TJPG TJPG Tamage type TJU TIP TIP TIP TIP TIP TIP TIP TI	rq 26.9 q 49.1 q -4.6 82022 S Longitude: 18.0315039
	Oslo	inspection images	
		< 1 2 3 4 >	•





View manager's dashboard



