

DAILY DIGEST

SOLTECH

2025

DEVELOPMENT, IMPLEMENTATION, AND INTEGRATION OF MODERN SOLUTIONS



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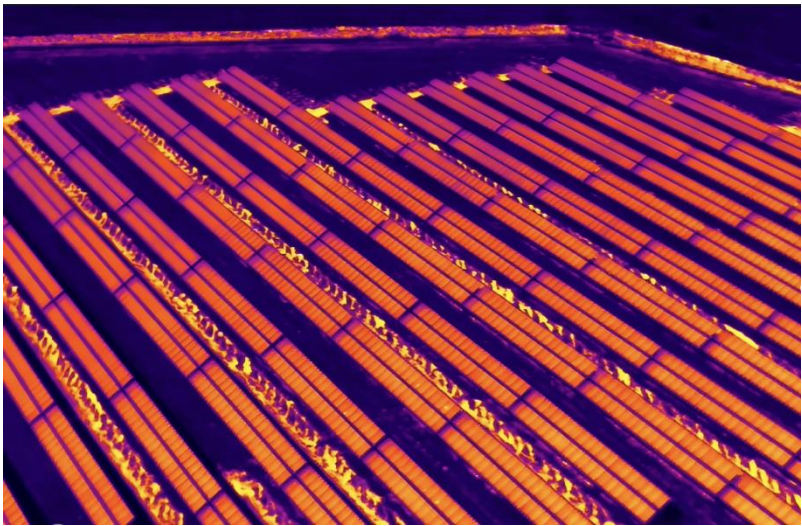
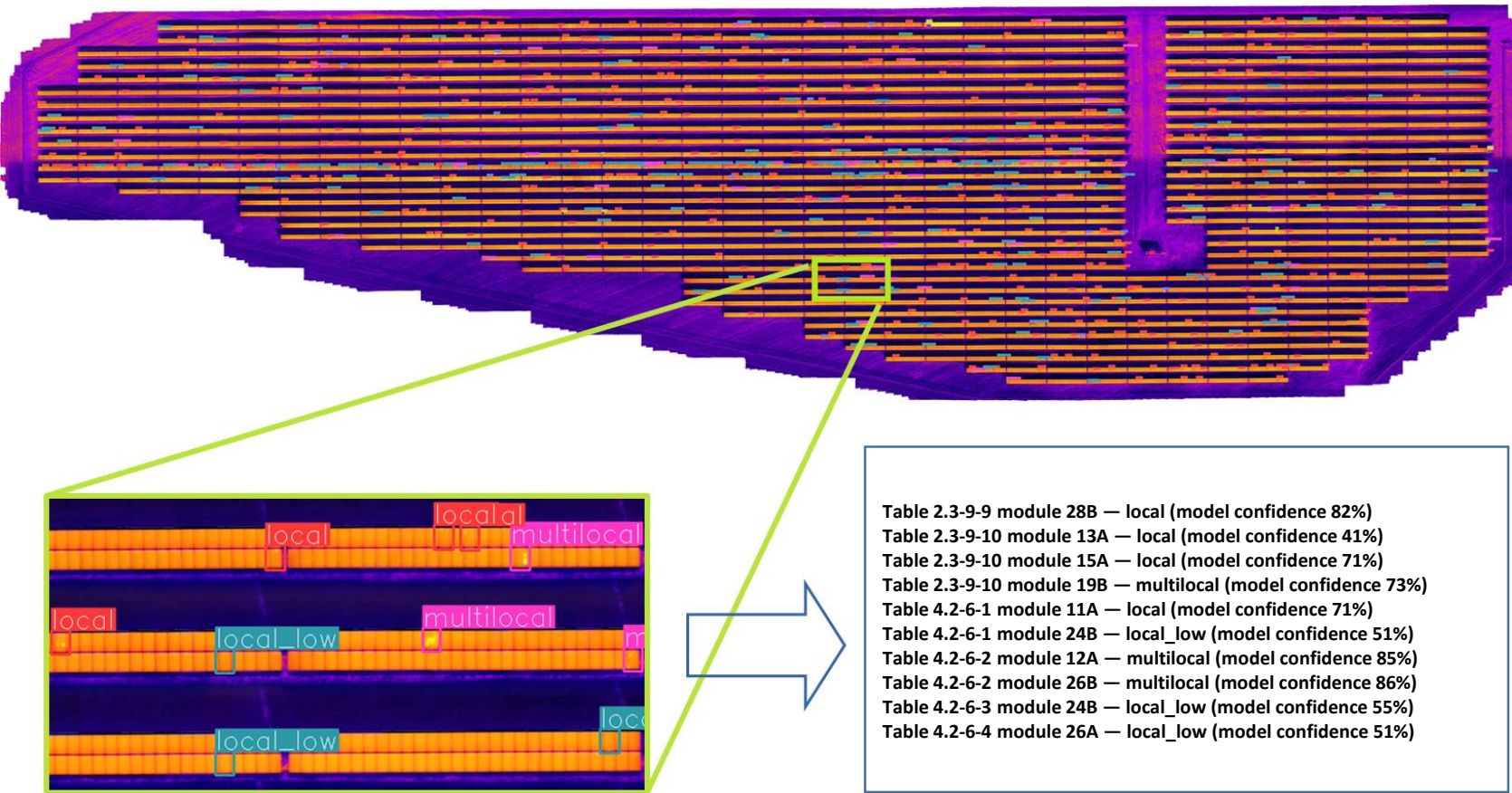
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Operation 4.0

System for diagnostics and repairs of generating equipment

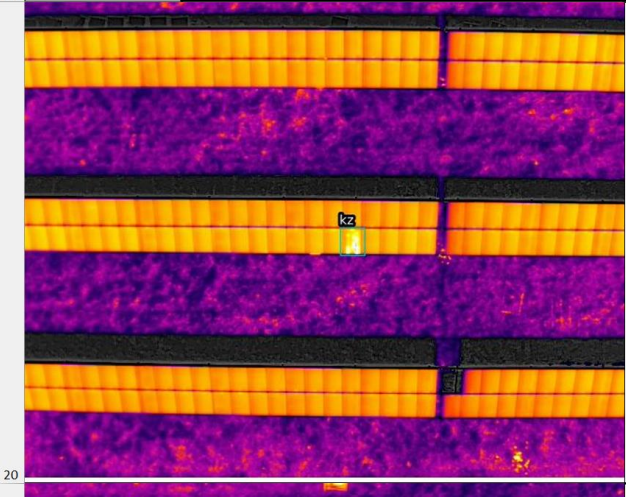
Entry in the Unified Register of Russian Computer Programs and Database Systems: No.
24735 dated 15.11.2024.

AI detection of defects in solar modules:



AD (Aero Detection) IR imaging of Solar Power Plants



	A	B	C	D	E	F	G	H	I
	Defective image	Path to the original image	Name of the defect class	Dispatch table name	Position in the table	Serial number	Average confidence of the model	Share of classes in prediction	Tumber of detections
1		A1\ DJI_202406130919_002_UKStermA\ DJI_20240613092946_0223_T.JPG	kz	2.3.3-8	B24	190904247100003Q11el	88,97%	{'kz': 87.5, 'local': 12.5}	16
20									

Automatic report generation

	A	B	C	D	E	F	G	H	I	J
	№	Sector	Lane	Table / axis	Dispatch address of the chain	Damage category	DC control cabinet	Dispatch address of the chain	Rated power, w	FEM Serial Number
1										
64	63		АП	30	23A	Точечный нагрев >10°C	3.3.8-11	3.3.8-11	320	190919291200002Q08el
65	64		АП	27	17A	КЗ ФЭМ, пробой диодов	3.1.6-1	3.1.6-1	320	190527308200001Q04el
66	65		АП	27	18A	КЗ ФЭМ, пробой диодов	3.1.6-1	3.1.6-1	320	190527298200001Q05el
67	66		АП	25	17B	КЗ ФЭМ, пробой диодов	3.1.5-10	3.1.5-10	320	190525510100003Q04el
68	67		AM	23	4B	Точечный нагрев >10°C	3.2.3-6	3.2.3-6	320	190527110200003Q02el
69	68		AM	21	10A	Точечный нагрев >10°C	2.3.3-8	2.3.3-8	315	190904259100003Q11el
70	69		АП	20	27B	Точечный нагрев >10°C	2.3.3-1	2.3.3-1	315	190601668100002Q17el
71	70		AM	19	21B	Точечный нагрев <10°C	2.3.3-6	2.3.3-6	315	190905046100004Q14el
72	71		АН	16	12B	Точечный нагрев >10°C	2.2.7-3	2.2.7-3	315	190607550100004Q14el
73	72		AM	15	22B	Точечный нагрев <10°C	2.2.2-8	2.2.2-8	315	190410014200004Q11el
4	74		АН	16	4B	Точечный нагрев <10°C	2.2.7-3	2.2.7-3	315	190607529200004Q04el

Automatic generation of defective reports

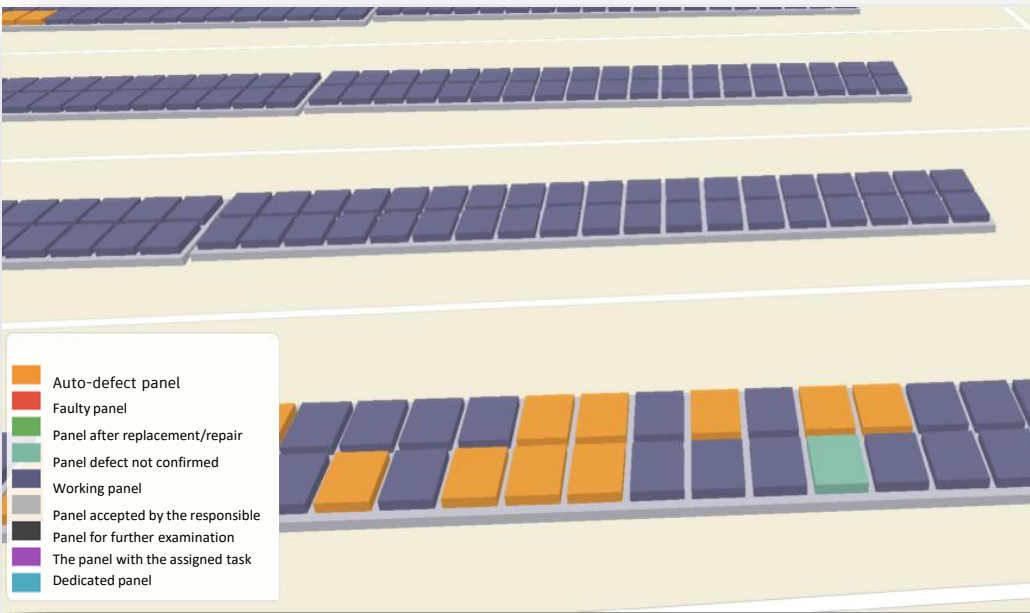
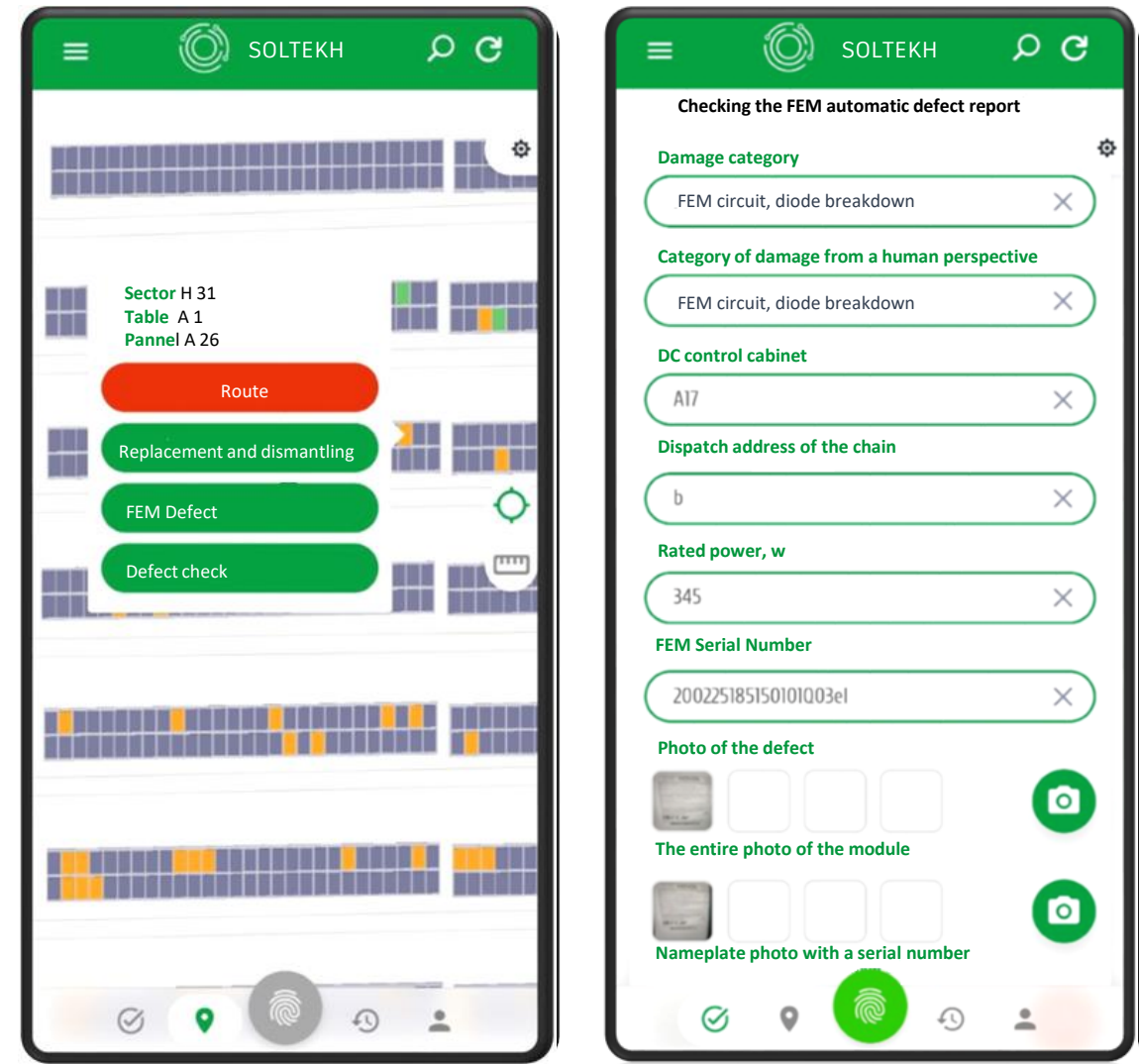


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Operation 4.0

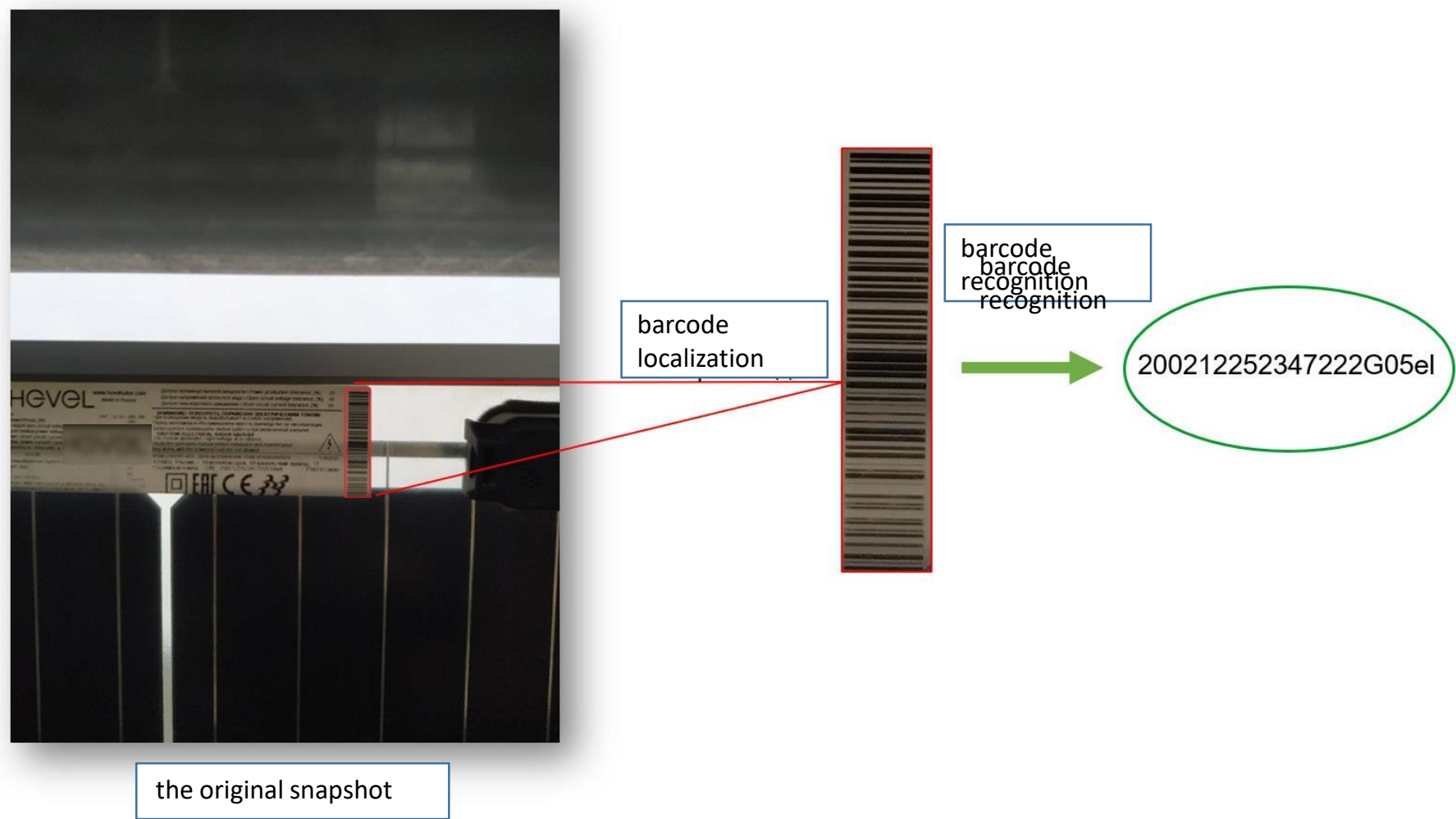
Mobile Application Operation 4.0

Entry in the Unified Register of Russian Computer Programs and Databases:
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A barcode recognition system has been developed

The system was applied at the Sarybulak SES.
The FEM barcodes were recognized throughout the station



- The SPP Certification business process has been developed
- Flight missions adapted for artificial intelligence are available in the 4.0 AI interface.



 COLTEX

ADIS

Загруженные фото

Результаты

Скачать миссии

О нас

Наименование СЭС	kml	kmz
	Скачать kml	Скачать kmz
	Скачать kml	Скачать kmz
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	Скачать kml	Скачать kmz
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