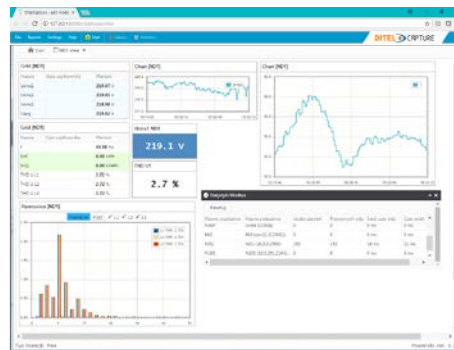




SOFTWARE DITEL CAPTURE

- **Dedicated to visualization, monitoring, archiving and reporting.** Compatible with all Internet browsers.
- Remote access to software Ditel Capture via Internet browser from any computer.
- Simple and intuitive configuration.
- Clear user interface.
- Reading data from other devices with Modbus and Modbus TCP protocol (also for devices from other producers).
- **Free license for using with 1 device.**

EXEMPLE APPLICATION



USB



Micra-M



Micra-X

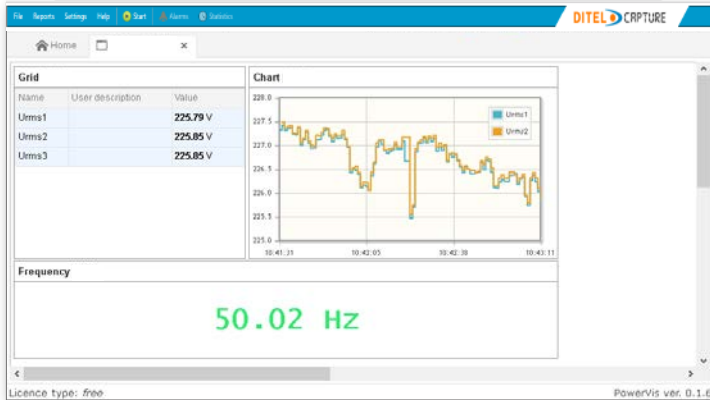
RS485 (Modbus RTU)



Micra-D

RS485 (Modbus RTU)

VISUALIZATION



- Visualization of chosen parameters from monitored devices.
- Visualization with multiple tabs (views), with possibility of multiple widgets (graphic elements presenting measured values)
- Available widgets: Digital field, table, graph (time plots), harmonics

MONITORING

The screenshot shows the 'Alarms' window in the DITEL CAPTURE software. It contains a table with columns: Occurrence time, Decay time, Name, Priority, and Description. A tooltip is visible over the table, showing status messages: 'Active alarm - not confirmed.', 'Inactive alarm - not confirmed.', and 'Active alarm - confirmed.'.

Occurrence time	Decay time	Name	Priority	Description
2014-12-19 09:2...	---	Example alarm	9	Urms1 value alarm

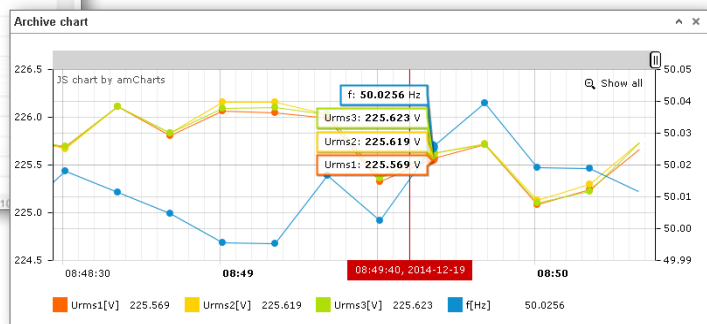
- Visual signaling of alarm events
- Easy alarm settings (mathematic operations)
- Presentation of alarm source including event description and time and date

ARCHIVING

The screenshot shows the 'Archive' window in the DITEL CAPTURE software. It displays a table of archived data with columns: Date and time, Urms1 [V], Urms2 [V], Urms3 [V], and f [Hz]. The table shows data points from 2014-12-18 10:49:30 to 2014-12-18 10:51:40. On the left, there are controls for 'Time interval' (From, To) and 'Parameters selection' (Urms1, Urms2, Urms3, f).

Date and time	Urms1 [V]	Urms2 [V]	Urms3 [V]	f [Hz]
2014-12-18 10:49:30	225.734	225.747	225.690	50.023
2014-12-18 10:49:40	225.469	225.518	225.478	50.023
2014-12-18 10:49:50	226.024	226.078	226.053	50.013
2014-12-18 10:50:00	225.706	225.857	225.709	50.029
2014-12-18 10:50:10	225.653	225.669	225.660	50.023
2014-12-18 10:50:20	226.021	226.072	226.022	50.012
2014-12-18 10:50:30	225.537	225.578	225.573	50.009
2014-12-18 10:50:40	225.485	225.538	225.641	50.010
2014-12-18 10:50:50	225.826	225.861	225.873	50.035
2014-12-18 10:51:00	225.952	225.903	225.909	50.016
2014-12-18 10:51:10	225.950	226.009	225.952	50.028
2014-12-18 10:51:20	226.570	226.616	226.560	50.033
2014-12-18 10:51:30	225.928	225.935	225.757	50.026
2014-12-18 10:51:40	226.204	226.327	226.232	50.030

- Archiving of chosen parameters in software internal data base
- Presentation of archived data as tables and time plots
- Data export to CSV file.



REPORTING

The screenshot shows the 'Report' window in the DITEL CAPTURE software. It displays a table of report data with columns: From, To, Date, Min, V, Date, Max, V, and Avg. The table shows data points from 2014-12-18 10:48:00 to 2014-12-18 10:50:00. On the left, there are controls for 'Time interval' (From, To) and 'Parameters selection' (Urms1, Urms2, Urms3, f).

From	To	Date	Min	V	Date	Max	V	Avg
18.12.2014 10:48:00	18.12.2014 10:50:00	18.12.2014 10:49:40	225.469		18.12.2014 10:49:50	226.024	225.742	
18.12.2014 10:50:00	18.12.2014 10:52:00	18.12.2014 10:50:40	225.485		18.12.2014 10:51:20	226.570	225.931	
18.12.2014 10:52:00	18.12.2014 10:54:00	18.12.2014 10:52:30	226.351		18.12.2014 10:52:30	226.751	226.506	
18.12.2014 00:04:00	18.12.2014 00:06:00	18.12.2014 00:05:50	224.625		18.12.2014 00:05:50	224.625	224.625	
18.12.2014 00:06:00	18.12.2014 00:08:00	18.12.2014 00:06:00	224.061		18.12.2014 00:07:50	225.621	224.673	
18.12.2014 00:08:00	18.12.2014 00:10:00	18.12.2014 00:08:40	224.830		18.12.2014 00:08:10	225.687	225.267	
18.12.2014 00:10:00	18.12.2014 00:12:00	18.12.2014 00:10:00	224.482		18.12.2014 00:10:00	225.044	224.330	
18.12.2014 00:12:00	18.12.2014 00:14:00	18.12.2014 00:12:00	224.371		18.12.2014 00:12:00	225.039	224.697	
18.12.2014 00:14:00	18.12.2014 00:16:00	18.12.2014 00:14:00	223.895		18.12.2014 00:14:00	225.092	224.605	
18.12.2014 00:16:00	18.12.2014 00:18:00	18.12.2014 00:16:00	225.077		18.12.2014 00:16:00	225.820	225.446	
18.12.2014 00:18:00	18.12.2014 00:20:00	18.12.2014 00:18:00	224.625		18.12.2014 00:18:00	225.766	225.264	
18.12.2014 00:20:00	18.12.2014 00:22:00	18.12.2014 00:20:00	225.250		18.12.2014 00:20:00	225.431	225.330	
18.12.2014 00:22:00	18.12.2014 00:24:00	18.12.2014 00:22:00	225.324		18.12.2014 00:22:00	226.107	225.815	
18.12.2014 00:24:00	18.12.2014 00:26:00	18.12.2014 00:24:00	225.084		18.12.2014 00:24:00	225.885	225.274	

- Minute, hourly, daily and weekly reports of chosen archived data
- Possibility to choose minimum, maximum and average value

TECHNICAL AND FUNCTIONAL POSSIBILITIES

- Transmission protocol: Modbus RTU, Modbus TCP
- Mode: 8N1, 8N2, 8E1, 8O1
- Transmission speed: 1200...256000 bit/s
- Time interval of parameters checking: 1...60s (depending on number of devices connected and number of read parameters)
- Time interval of parameters archiving: 1s...1h
- Number of supported devices: up to 50 devices, can be selected with order code
- Data reading from other devices with Modbus and Modbus TCP protocol (option - can be selected with order code)
- Parameters visualization with 50 tabs
- **Free license: up to 1 device and 5 tabs, without operating other Modbus devices**

OS REQUIREMENTS

- OS: MS Windows XP o later,
- Updated version of Internet browser
- Other requirements same as for OS

ORDERING

Software Ditel Capture		
	40700-	XX
Number of handled devices :		
up to 1 device		27
up to 5 devices		28
up to 10 devices		29
up to 30 devices		30
up to 50 devices		31
custom-made		32