

## **M OUR ANALYSIS**

- Condition monitoring
- M Predictive maintenance
- Machine monitoring 4.0
- M Improved performance with machine learning and Al
- Simple interpretation of results from automated analyses
- Planning control through remaining useful life (RUL) prediction
- M Secure wireless connectivity through encrypted data transfer (IoT)
- M Convenient access to data in the Cloud through browser with any device

Our services rest on data-mining, Al and big-data methods. We acquire data 24/7 with our 8/16-channel hardware mmBox.

> Our data-mining process includes pattern recognition, data and feature selection, detection optimization and postprocessing for efficient presentation.



Analysis of many machines produces large amounts of data, the foundation for machine learning. All benefit from artificial intelligence. Skilled users can monitor their assets themselves.



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## **M PRICING FOR SUBSCRIPTIONS AND FEATURES**

	Sub				olans		
	Annual subscription fee	0 €	380 €	950 €	Price upo	n request	
Services	Description	Free	Free++	M1	M2	М3	Pricing
Standard	mmViewer: display data, perform analysis, create diagrams	/	/	/	/	/	
	Number of available analysis diagrams per plant			12	18	24	
	Wireless data transfer via WLAN/WIFI	Option		Option	Option	Option	120 € / mmBox
	Wireless data transfer via UMTS/LTE/4G, incl. SIM		/	Option	Option	Option	380 € / year / mmBox
	Display individual diagram values via cursor position		Option	/	/	/	50 € / year / plant
	24/7 monitoring with alarm trigger		×	/	/	/	
	Dashboard: velocity ratings according to ISO 10816		×	/	/	/	
	Automated analysis: selecting critical range and zoom-in		×	/	/	/	
	Segment-wise spectrograms in time or frequency domain			/	/	/	
	Alarm notifications by Email			/	/	/	
	Alarm notifications by SMS			Option	/	/	40 € / year / plant
	Dashboard: defect rating per component				/	/	
	Automated analysis: imbalance, alignment, looseness				/	/	
	Prediction of remaining useful life (RUL) per component					/	
Options	Vibration analysis through independent expert	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	/	250 € / analysis / component
	Electronic maintenance logbook embedded in mmViewer	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	/	175 € / year / plant
	Increase number of available analysis diagrams by 12	/	<b>/</b>	<b>/</b>	<b>✓</b>	/	50 € / year / plant



Additional costs for mmBox hardware, sensors and installations may apply. Mechmine reserves the right to change the price plan and features without prior notice.



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