

PESMEL SERVICE

Securing the Material Flow



PESMEL

Pesmel takes care of the customer during the systems life cycle

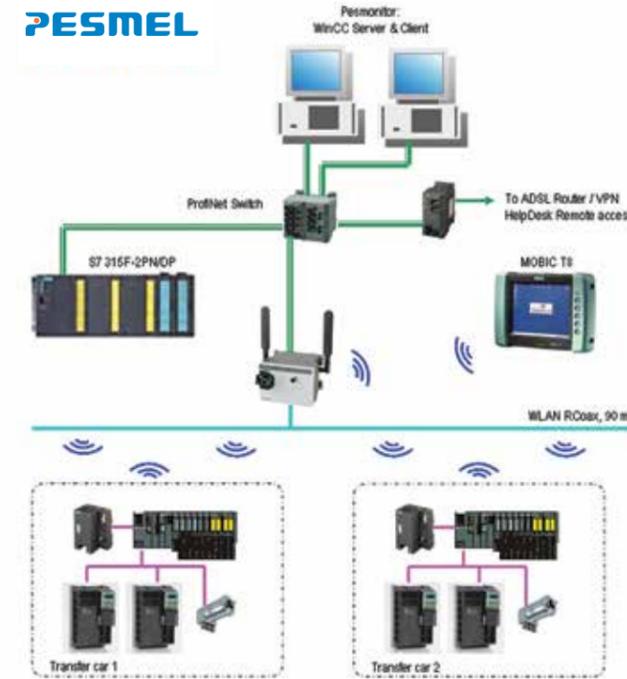
Our main service areas are:



1. Help Desk
2. Maintenance
3. Spare Part Service
4. Upgrading Projects
5. Consulting
6. Operating and Consumables

The business idea of Pesmel Service is to take care of the customer during the systems life cycle. This life cycle long partnership guarantees the performance of the equipment with low total costs.

Pesmel Service provides comprehensive services for material handling, packing and warehousing systems including mechanical and electrical works as well as PLC and PC based control systems. Pesmel Service serves customers worldwide through our own units and trained partners.



Case example of Upgrading Projects

Air Cargo company Finnair Cargo ordered update for their manual handling system from Pesmel Oy. The system was running earlier with Siemens S5 control system.

Because of increasing of transportation, the whole system required automatic operating. Earlier transfer car was driven by operator inside the car.

After update the operator was replaced by ET200S F-CPU, which basis to failsafe CPU technology. This CPU controls all movements and positioning of the car, according to reference data from other failsafe CPU outside the transfer area. All safety sensors, like light curtains, E-stop buttons out side, have been connected to failsafe inputs outside failsafe CPU.

All safety data between CPUs inside the car and outside communicate by wireless network. All safety full fill the highest category - CAT4.



1. HelpDesk

HelpDesk service operates 24 hours a day, seven days a week ensuring the performance of the customer equipment. After signing the agreement, our qualified experts are available by phone whenever needed.

Experts help operator to find out the troubles directly by phone, if a problem situation occurs. The remote connection to control system can also be used to help troubleshooting.

2. Maintenance

Regular maintenance of the system guarantees high availability and extends the lifetime of the system. Regular preventive maintenance minimizes the unexpected repairing of the system and therefore maximises the efficiency of the system.

Pesmel is offering the maintenance as an addition to mills day-to-day service in order to improve the expertise and know-how of the equipment and its adjustments. The best way to arrange preventive maintenance is to sign an annual service agreement with Pesmel Service, which is based on individual requirements of the system. Case-by-Case maintenance is also available.

Our maintenance includes the complete checking of the system, replacing the wear parts, cleaning of the system and planning the actions for the next maintenance. Every maintenance work is reported to Customer on written format.



3. Spare Part Service

Pesmel Service provides comprehensive Spare Part services for the systems. The experience of the earlier deliveries is utilized when making the Spare- and Wear Part recommendations of the system to Customer.

Original Spare Part guarantees the availability and performance of the system. We are constantly developing our machines and systems as well as Spare Parts. By using Pesmel Spare Part Service the customer always gets the latest, best quality Spare Parts for the system. As a OEM manufacturer we can offer standard componets with competitive pricing.

4. Upgrading Projects

Pesmel Service offers upgrading projects for the systems. Upgrading maximizes the lifetime of the system and the profitability of the investment. Our experts have the knowledge of the latest development of the systems and can provide it to existing deliveries. Typical upgrading projects are:

- Improving the throughput (capacity) of the system
- Modifying system for new type of products (grade, dimensions)
- Improving the safety level of the system
- Upgrading control systems of the deliveries (PLC and PC)

We have also experts to upgrade PLC controls to new control system. Our crew has carried out tens of upgrades from S5 to S7 system but we have also S5 spare parts available in our stock.

5. Consulting

Pesmel Service provides consulting services for mill logistics, packing and warehouse systems. Our experts can carry out following type of consulting:

- Productivity analysis (reliability, availability etc.)
- Capacity analysis (measuring throughput, finding out bottlenecks and proposing actions to improve system)
- Safety analysis

6. Operating and consumables

Pesmel Service offers competitive solutions for comprehensive maintenance/operating of system and for delivering consumables for System.

Please contact Pesmel Service to find out more about our services.





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