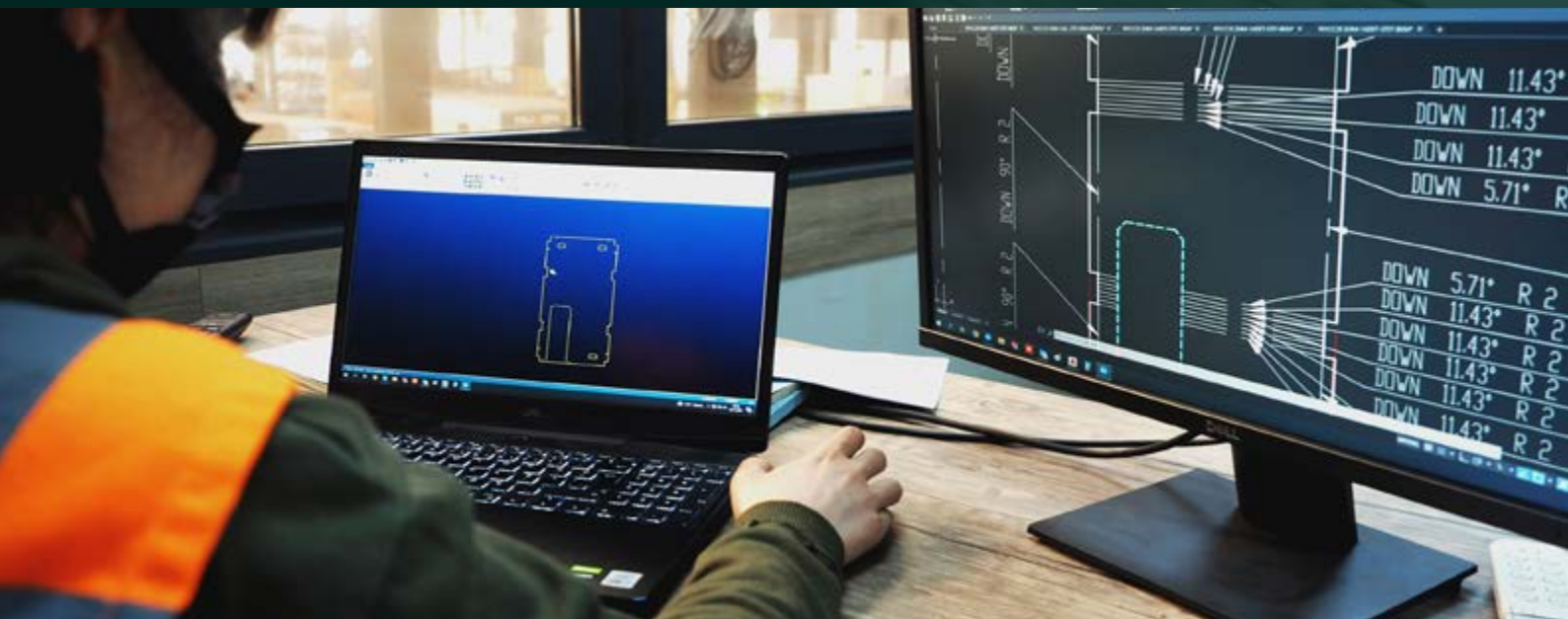


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Case Study

Server based Lantek Expert coordinates laser, oxy-cut and plasma machines at Askon Demir



Askon Demir Çelik A.Ş. is one of the leading steel service centers and stockholders for wear resistant, high strength and structural steel in Turkey. It can trace its roots back to 1932 (90 years) and today has over 420 employees at its 5 premises of 40.000 m2 in Denizli and Gebze. As well as processing steel and manufacturing products for clients across Turkey and worldwide, the company also distributes world class manufacturers' high strength and specialty steels for high wear applications. At its Denizli factory, the company has 35 metal processing machines including 12 laser cutting machines, six oxy-cutting/plasma machines, 6 press brakes and 3 guillotines.

Now, Askon Demir has **18 Lantek Expert licenses** and programs 6 Nukon laser cutting machines from 4 to 12 kW, 2 LVD Phoenix laser cutting machines 10 and 12 kW, 3 Bodor 2kW laser cutting machines, an Ajan plasma cutter and an Ajan oxy-cut machine.

Özkan Özker adds, ***"Lantek Turkey has helped us centralize our Lantek programming onto a central server system, bringing together the programming for a range of different machine makes, models and technologies under one umbrella."***

Programming all these machines with server based Lantek Expert has made a huge change to

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Özkan Özker, Steel Plate Processing Production Manager says, ***"We have been using Lantek software for about 3 years and we have built up a close collaborative partnership with their technical support team with Professional implementation of the Lantek Expert systems and rapid response to any problems or queries we have had over the years."***

the way in which the company works. 20 engineers share data and work on the Lantek Expert systems importing customer's models and assemblies. Lantek Expert is able to import design data from almost every CAD system in the market and can interpret and unfold components in an assembly ready for manufacture. Because **Lantek Expert** can program and share data between



engineers for all of Askon Demir's machines, it is now easy to move jobs from one machine to another to meet the daily changes in production requirements. Additionally, since the engineers are all working from the same database they can operate much more flexibly and efficiently, sharing workloads as necessary.

Lantek's fast automatic part nesting is particularly important for Askon Demir due to the large volume of material that the company processes. Özkan Özker says, ***"Our most important objective for nesting is obtaining minimum scrap. Lantek's rapid and advanced automatic***

nesting technologies deliver minimum scrap and increased productivity. We can see the number of parts required and all the materials on the same screen, which makes it easy to optimize nesting resulting in reduced costs, faster production and increased profit."

The system also handles remnants of material, keeping track of what is available and nesting parts in the irregularly shaped sheets, further reducing material wastage.

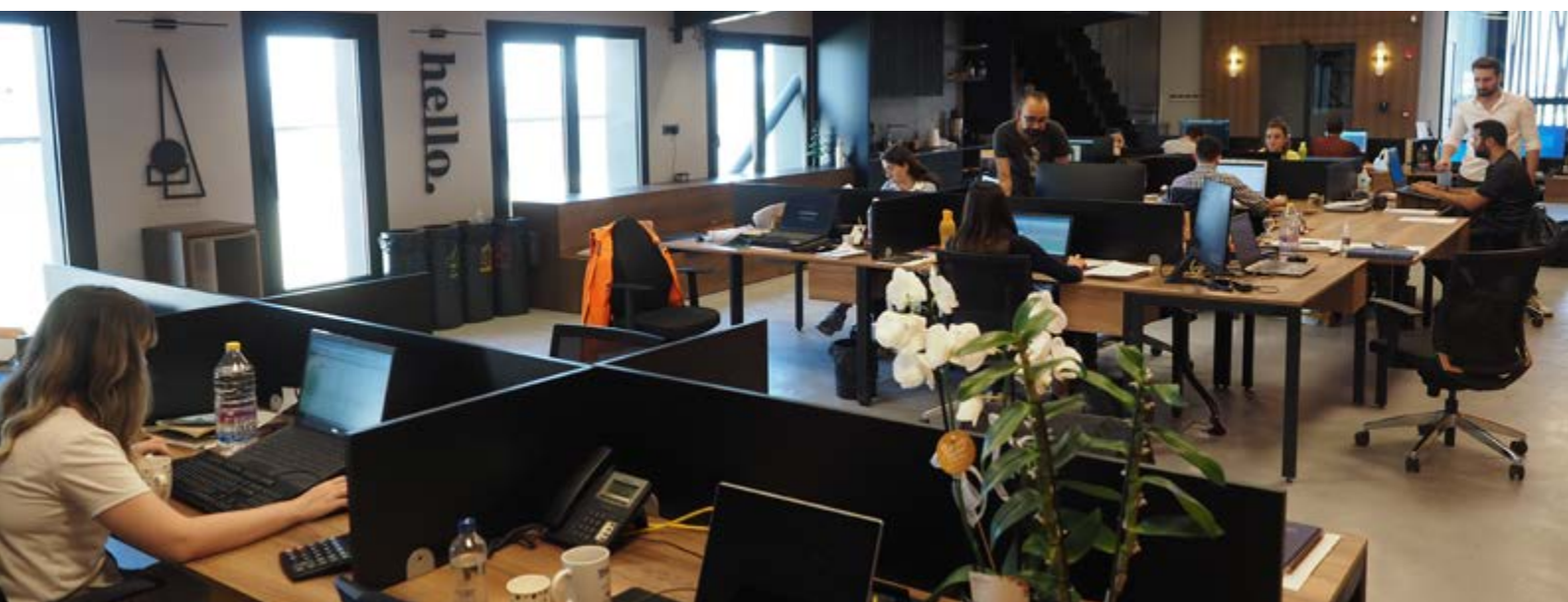
Özkan Özker concludes, ***"The server based Lantek system is essential for our production, and we would definitely recommend it. In fact, one of our machine suppliers now collaborates with Lantek after we recommended the software to them."***

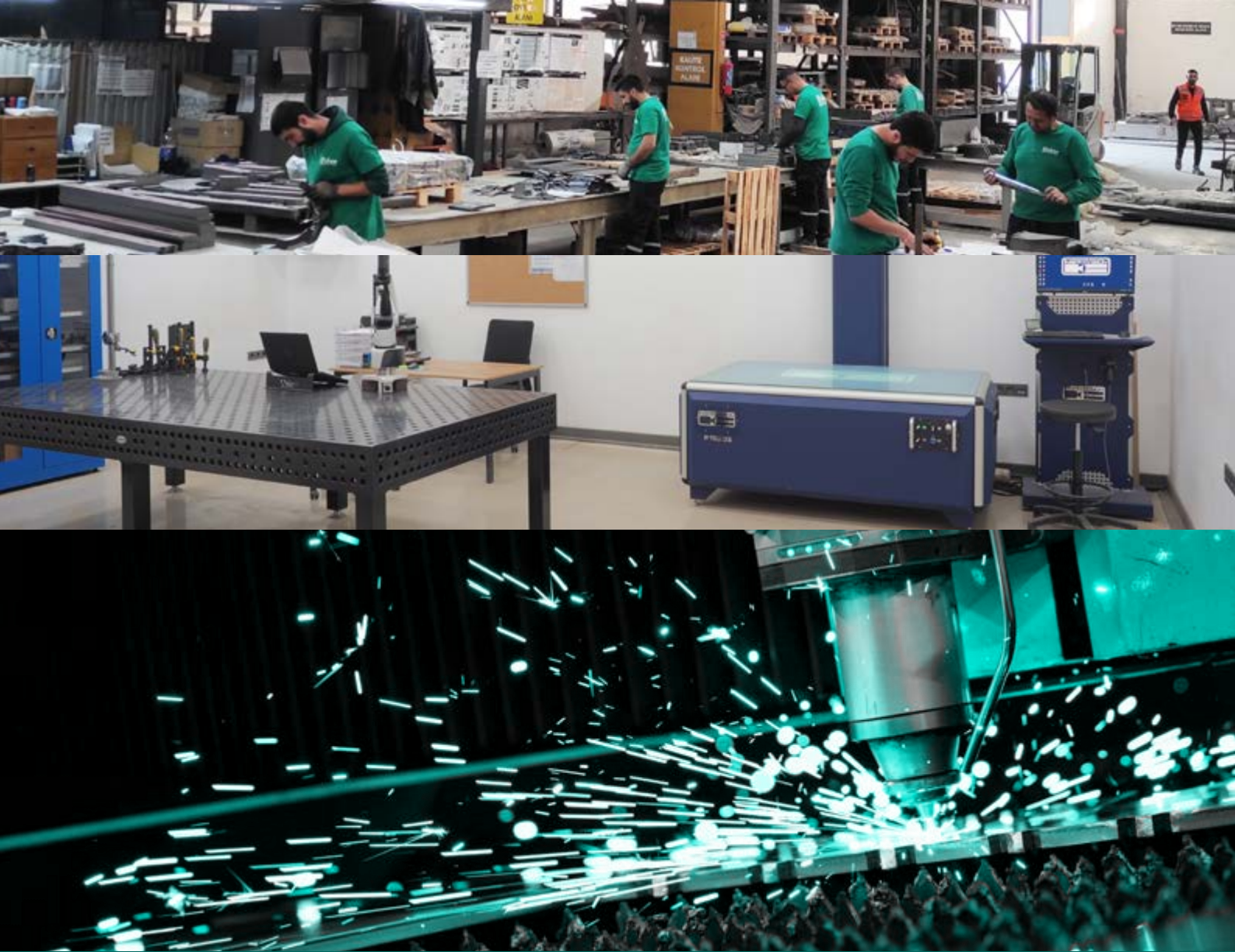
FACT SHEET

COMPANY NAME: Askon Demir

ACTIVITY / INDUSTRIAL SECTOR: Sheet Metal outsourcing

LANTEK SOLUTION: Lantek Expert





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Lantek is a multinational that is leading the digital transformation of companies in the sheet metal and metal industry. With its smart manufacturing software, it enables factories to be connected, turning them into Smart Factories. It rounds off its range of services with CAD, CAM, MES, and ERP solutions for companies that manufacture metal parts from sheet metal, tubes, and profiles using any cutting technology (laser, plasma, oxycut, waterjet, shearing, and punching).

Founded in 1986 in the Basque Country (Spain), one of the main European centers of machine tool development, it enables

the integration of sheet metal and metal processing technologies with the most advanced manufacturing control software. The company is currently the outstanding leader in its sector thanks to its capacity for innovation and commitment to internationalization.

With more than 25,700 customers in over 100 countries and 20 offices in 14 countries, it has an extensive network of distributors with an international presence. In 2020, its international business contributed to 88% of its revenue.

For more information, visit: www.lantek.com

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