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# BIELMAR IT DELIVERS HUGE RESULTS—WITH ONE-THIRD THE EFFORT

## HPE Synergy equips this Polish producer for next-level growth

**Industry**
Food manufacturing

**Objective**
Improve plant visibility and control to better meet market needs

**Approach**
Upgrade enterprise resource planning (ERP), supply chain management (SCM), and business intelligence (BI) systems with HPE Synergy

**IT matters**
- Cuts administration time by 67%
- Completes backups in 3.5 hours versus 6 hours
- Cuts virtual machine recovery time in half—from 80 minutes to 40 minutes

**Business matters**
- Generates analysis and reports 60% faster
- Brings new solutions online several times faster
- Enables faster, easier, more accurate predictions
- Optimizes the use of all plant resources



**When information delays began slowing the production line (and growth) for Bielmar, the company needed a solution that would let them meet changing market demands in real time—with greater efficiency and less room for error. HPE Synergy was the clear choice.**

## CHALLENGE

Every time a chocolate cake comes out of the oven in the city of Warsaw, there's a good chance a Bielmar product is baked inside. As one of largest producers of vegetable fats in Poland, Bielmar (formally Zakłady Tłuszczowe Bielmar Sp. z o.o.) is behind popular retail brands like Palma, Śniadaniowa, and Beskidzki oils. Bielmar also supplies the country's hotels, restaurants, cafes, bakeries, and confectionery plants with a steady supply of high-quality oils and related products.

Bielmar is one of the few producers in Poland that's fully owned by its employees, a team of committed professionals who are the driving force behind the company's development.

Throughout its nearly 90-year history, Bielmar has been known for the quality of its raw materials, its meticulous production methods, and its sustainability practices, but recently the company began encountering obstacles that were hindering its next phase of development.

> ## "We value quality and reliability, but that's what we expected from HPE products. We see it as a distinguishing feature of HPE."

– Łukasz Greń, IT Manager, Bielmar

**With HPE Synergy, Bielmar streamlined production of its vegetable-fat products, added real-time control, and enabled next-level growth—with 67% less administrative effort.**

**Slow processes were slowing growth**

In recent years, occasional supply chain delays, a lack of visibility into real-time production resources, and other inefficiencies were holding Bielmar back. Whenever the plant would experience an unexpected outage, it would be difficult to quickly identify whether the problem was caused by a broken machine, a power failure, or some other issue. These barriers were limiting Bielmar's ability to stay ahead of changing market demands and customer needs.

"Too little information was taking too long," says Łukasz Greń, IT Manager at Bielmar.

The need for more efficient, cloud-based ERP, SCM, and BI systems became clear. The role of IT was critical in moving the company toward its next stage of development.

## SOLUTION

As Bielmar moved toward real-time management systems, the need for a powerful and reliable platform was paramount.

"Even the smallest unplanned downtime results in serious financial losses for us," says Greń, citing the potential loss of an entire product batch and the raw materials in that batch. Worse, a loss like that can impact Bielmar's clients whose own production lines depend on that batch.

Bielmar needed an ultra-reliable and secure hardware platform to fully support its business continuity planning and deliver low recovery-point objective (RPO) and recovery-time objective (RTO) rates. Bielmar's IT team worked closely with its longtime trusted IT partner, **ncNETcom**, to find a secure, reliable solution that would provide maximum flexibility with the lowest

possible amount of administrative work. A final requirement was that the infrastructure needed to last at least five to seven years.

"Only the most modern solution would meet all of our needs," said Greń. "HPE Synergy proved to deliver."

The ncNETcom team also provided a wide range of services to ensure delivery of a comprehensive, custom-fit solution. These services included:

- **Business consulting**—the team verified business needs regarding performance, accessibility, flexibility of development plans, knowledge transfer, and an easier administration of Bielmar's IT environment.

- **IT architecture**—ncNETcom designed the IT architecture, implementation, installation, and configuration of hardware and software, creating a VMware® farm, and establishing an environment for IFS and Oracle databases.

- **Business continuity**—the team took the lead on calculating RTO and RPO factors and designing an optimal IT disaster recovery plan.

With ncNETcom's help, Bielmar built its HPE Synergy solution—including its own private cloud—on one HPE Synergy frame and five HPE Synergy 480 Gen10 Compute modules with Intel® Xeon® processors. All of this is managed through HPE OneView, an integrated IT management tool that allows the Bielmar IT team to efficiently manage their compute, storage, and networking from a single, intuitive dashboard. HPE OneView allows Bielmar to automate provisioning through templates to ensure high reliability, consistency, and control, and ultimately help reduce operating expenses.

# "The advantages of this platform are the ease and simplicity of administration, combined with the automation of processes."

– Łukasz Greń, IT Manager, Bielmar

Bielmar's solution also includes HPE BladeSystem c7000 enclosure, HPE ProLiant DL380 Gen10 server, HPE Synergy Image Streamer (in beta), and a suite of HPE storage solutions, including one HPE 3PAR StoreServ 8400 4-node Storage Base, one HPE 3PAR StoreServ 8200 storage, two HPE 3PAR StoreServ 7200 2-node Storage Base, and one HPE StoreOnce 3540 system for backup deduplication using the HPE Recovery Manager Central (RMC) backup system.

Once the infrastructure was in place, all of Bielmar's new ERP industrial and financial systems (IFS) were installed on HPE Synergy, as well as its Oracle RAC database, SQL cluster, terminal farm, telephone exchange, mail system, mobile device management (MDM) software, and VMware virtual farm.

For the fastest possible startup with the new technology, ncNETcom worked with Hewlett Packard Enterprise to provide technical workshops and quick-start training for the Bielmar IT team and will provide ongoing support. The company has also added HPE Datacenter Care, HPE Adaptive Management, HPE Proactive Care, and HPE Foundation Care Services for additional access to HPE expertise and support.

## BENEFITS

### Real-time business insights
The transition to HPE Synergy has unlocked tremendous potential for Bielmar. Almost immediately, Bielmar's business teams were able to generate analysis and reports up to 60% faster—unleashing fast, simple access to information and enabling true real-time responses.

"Decision-making is fast because it's based on current indicators, enabling accurate responses to evolving market conditions," says Greń.

HPE Synergy—and the upgraded ERP systems it supports—has enabled the company to make faster, easier, and more accurate business predictions while optimizing the use of all plant resources. At the same time, the composable HPE Synergy platform has significantly reduced the time it takes to implement new business ideas—from initial analysis to the production line.

"The implementation of new solutions is three times faster than before," says Greń.

### Streamlined IT support
In addition to the business impact, HPE Synergy has changed day-to-day life for the Bielmar IT team in measurable ways. The new HPE Synergy based solution has cut administration time by 67%, automated tasks, improved reporting accuracy, and enabled administrators to customize reports for their individual needs. Plus, says Greń, "the display of developer environments is practically automated."

Overall, virtually all of Bielmar's IT functions is now faster and more efficient:

- Virtual machines are started in one-third the time—10 seconds versus 27 seconds

- Cloning is almost three times faster—now completed in just 6 minutes instead of 17 minutes

- Backups are completed in almost half the time—3.5 hours versus 6 hours

- Virtual machines can be recovered in half the time—80 minutes compared to 40 minutes

## Customer at a glance

**Solution**

After 90 years of growth, Bielmar, one of largest producers of vegetable fats in Poland, began encountering information bottlenecks that were derailing production and slowing its next phase of development. The company needed better business intelligence systems and a powerful, reliable, composable solution to support them. With their partner, ncNETcom, Bielmar built their solution on HPE Synergy. The company is now able to optimize its production line, meet changing customer needs, respond to shifting market demands, and implement new business solutions—with more speed, less effort, and greater precision than ever.

**HPE solution**

- HPE Synergy 480 Gen10 Compute modules with Intel Xeon processors

- HPE Synergy 12000 frame

- HPE BladeSystem c7000 chassis + HPE ProLiant BL460c servers

- HPE ProLiant DL380 Gen10 server

- HPE 3PAR StoreServ 8400 4-node

- HPE 3PAR StoreServ 8200 storage

- HPE 3PAR StoreServ 7200 arrays

- HPE StoreOnce 3540 system

- HPE RMC backup system

- HPE Synergy Image Streamer (in beta)

- HPE OneView

**HPE Pointnext Services**

- HPE Datacenter Care

- HPE Adaptive Management

- HPE Proactive Care

- HPE Foundation Care

- Database recovery is 60% faster—now just 6 minutes compared to 15 minutes previously

- Transfer time using HPE Synergy and VMware vSphere® vMotion® is reduced by 88%—from 75 seconds to 9 seconds

"We now have more time for productive activities," says Greń. "We can more easily identify threats, our planning process is simpler, and IT operations are trouble free, which leads to a lower level of stress."

"The platform is efficient, flexible, and simple," he adds.

With new products in the pipeline and new markets to pursue, Bielmar has positioned itself for a season of ongoing growth and development, supported by its new HPE Synergy solution.

## Learn more at
hpe.com/synergy

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