

# Océ Solutions at Garaventa



## **Document systems for cableways company**

*Streamlining document flow in the manufacturing process*





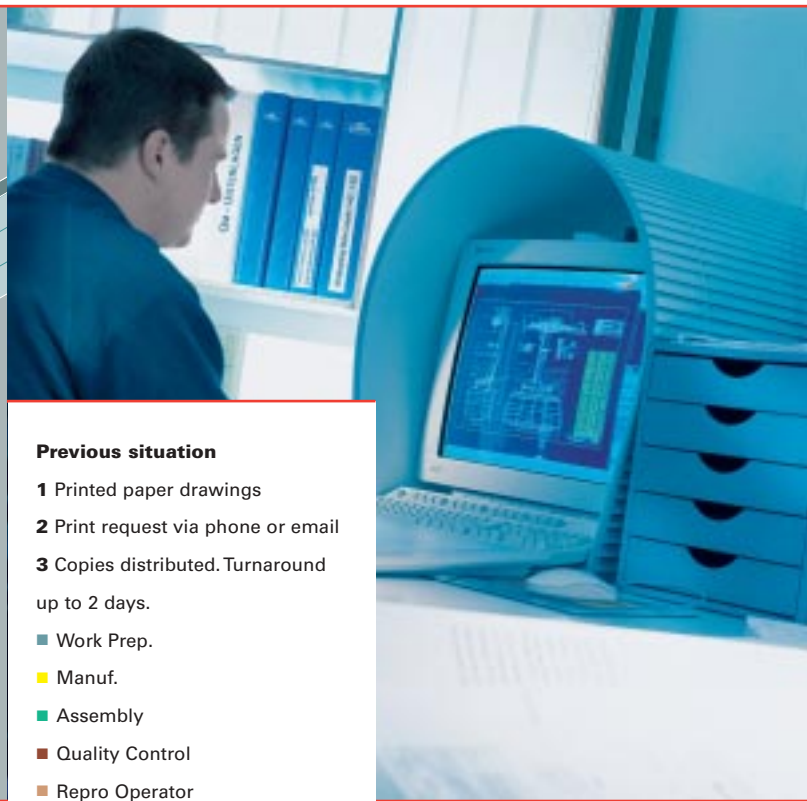
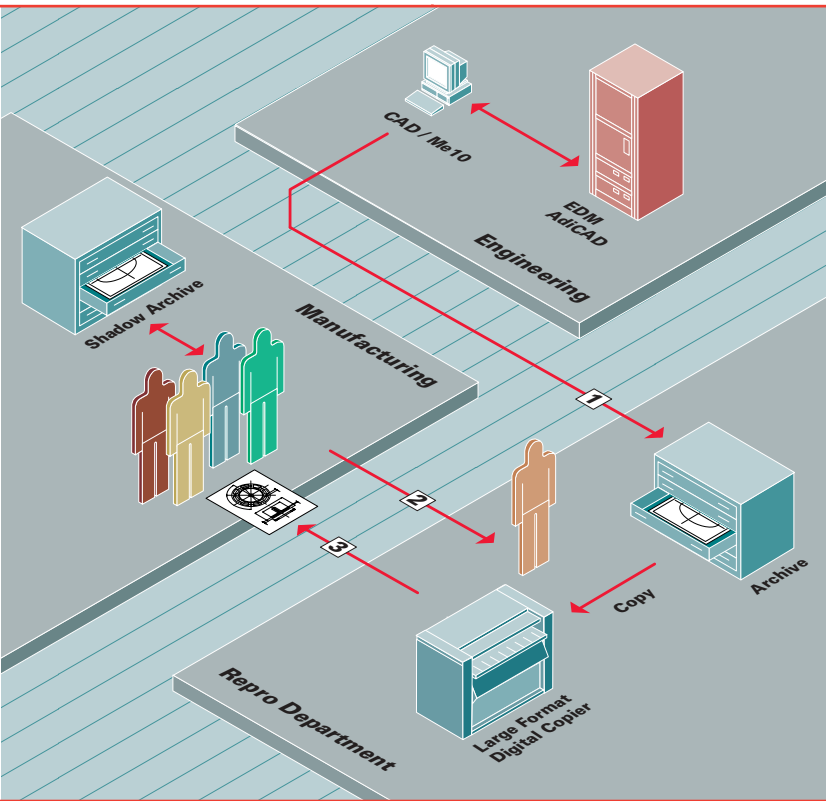
## **Streamlining document flow in the manufacturing process**



Effectively managing technical drawings can be demanding for a large organization like Garaventa—an international cableways systems manufacturer with 13 subsidiaries.

Thousands of documents must be available to various people in a number of locations upon request. Drawings must always be up-to-date and correct. Not only for today, but for years to come. To meet these challenges, Garaventa consulted with Océ Professional Services and chose Océ Engineering Exec<sup>®</sup> software and the Océ TDS600 multi-functional printer/scanner. Together, this solution helps Garaventa vastly improve their information flow and efficiently organize their substantial document volume.





#### Previous situation

- 1 Printed paper drawings
- 2 Print request via phone or email
- 3 Copies distributed. Turnaround up to 2 days.

- Work Prep.
- Manuf.
- Assembly
- Quality Control
- Repro Operator

### Document control and “Safety First”

In business for 65 years, Garaventa has accumulated approximately 150,000 technical drawings—and the number is ever-increasing. Everyday, 45–55 people work simultaneously on a project, producing 20–50 new drawing sets. Each drawing must contain additional project-related information inserted by external sources, and all this information needs to come together into Garaventa’s archive. Then, the drawings must go back out—up-to-date and readily available upon request to all relevant departments, outsourcers, and customers. Whatever document management system that Garaventa uses, it must support their clear policy—“Safety First.” Therefore, document flow needs to be optimally controlled and error-prone duplicate archives cannot exist.

### Faster turnarounds and a long-term solution

With Garaventa’s level of document integration, turnarounds were slow. Archiving staff filed drawings manually. Depending upon the number of document requests, they were sometimes unoccupied or overloaded—drawings were usually received in 2–3 days. An urgent repair or customer question required immediate document retrieval, and drawings weren’t arriving fast enough. Further, Garaventa’s analog documents—paper and microfilm—had to be digitized. This would give their drawings a longer life and provide added security, as Garaventa is required to provide accurate documents now and well into the future.

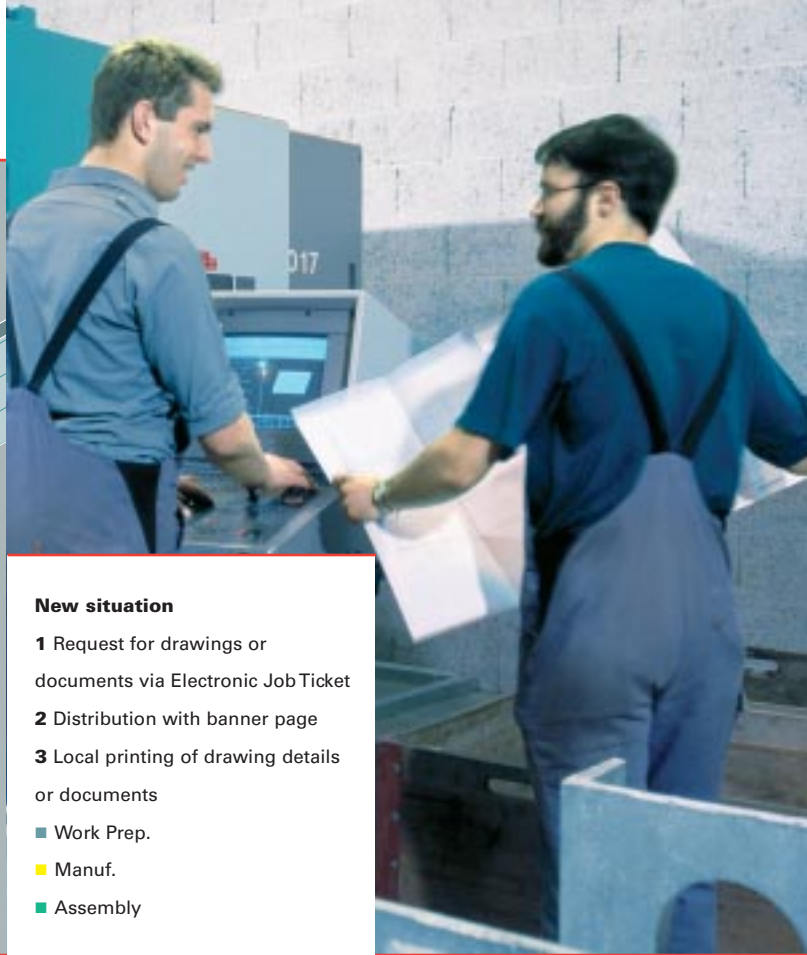
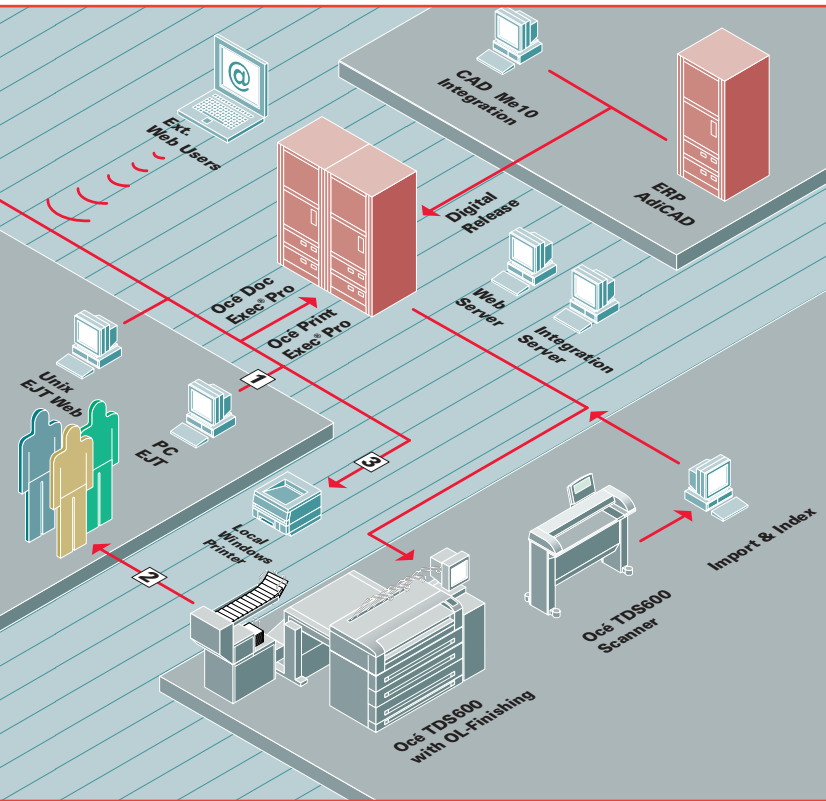
### The choice for Océ

Garaventa decided upon an Océ solution:

- Océ Business Services
- Océ Engineering Exec software suite, including the modules Océ Print Exec® Pro (for print management) and Océ Doc Exec® Pro (for archiving)
- Océ TDS600 modular multi-functional—with printing/scanning capabilities and on-line folder

“We knew what our problems were,” explains Szalai. “Océ showed us what was possible. From consultancy to complete integration, the process took less than six months.”





**New situation**

- 1 Request for drawings or documents via Electronic Job Ticket
  - 2 Distribution with banner page
  - 3 Local printing of drawing details or documents
- Work Prep.
  - Manuf.
  - Assembly

**Océ digital archive delivers the requested results**

Garaventa chose to implement a customized solution that fully integrated into their existing IT environment. The core of this system is the modular Océ Engineering Exec software suite, incorporating Océ Doc Exec Pro for archiving, offering comprehensive document capture and around the clock access. This solution resulted in improved document processes for Garaventa. Documents are created and sent from 50 CAD workplaces and automatically stored in the digital archive. Today the old bottlenecks no longer exist. Expensive, error-prone “shadow” archives have been eliminated, and Garaventa’s digitized documents have a 10–30 year lifespan.

**Authorized access and quicker turnarounds**

With Océ’s solution, all authorized users—Garaventa employees, those in remote locations, and outsourcers—have direct access from their workplace to documents in the archive either via their Intranet or the Internet. The digital archive ensures document availability, offers minimum search times, and makes the process simpler and faster. Archiving staff can more efficiently manage Garaventa’s document flow, and urgent client questions are answered much more quickly.

**Efficient and productive printing and scanning**

For print management, Garaventa chose Océ’s multi-functional TDS600 system integrated with the Océ Engineering Exec module, Océ Print Exec Pro. Together, this productive solution meets Garaventa’s requirements for printing, scanning and digitizing documents. Every authorized user can select documents for printing using job tickets. With the Océ TDS600’s scanning capability, digitizing Garaventa’s extensive analog archive can be carried out using temporary staff. Meanwhile, Garaventa chose to outsource microfilm scanning in one go, and these files fit perfectly into their Océ archive. The overall results? “Enormous time savings,” comments Szalai. And money? “We’ve already recovered all the costs we incurred.”

*“We knew what our objectives were—we wanted to improve our archive-access turnarounds, further enhance our document safety and security measures, and increase our access to external sites. Océ was very quick to find a solution.”*

Istvan Szalai, General Manager, Engineering. Garaventa. Goldau, Switzerland





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Océ is a leading supplier of digital document management and delivery technology. The company's solutions are based on Océ's advanced software applications that deliver documents and data over internal networks and the Internet to printing devices and archives—locally and around the world. Supporting the workflow solutions are Océ digital printers and scanners, considered the most reliable and productive in the world. Océ also offers a wide range of consulting and outsourcing solutions.

Netherlands-based Océ N.V. (NASDAQ: OCENY) has a workforce of more than 21,000 people and maintains production and R&D facilities in the Netherlands, the USA, Germany, France, Belgium, and the Czech Republic. Océ's North American headquarters is located in Chicago with major business units in Chicago, New York City, Boca Raton, FL, San Jose, CA, Salt Lake City, and Fiskeville, RI. North American revenues were \$1.2 billion for fiscal 2001 and employment was 8,100. For more information about Océ-USA, Inc., visit [www.oceusa.com](http://www.oceusa.com).

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