

**We help
keep
airports
moving**



Airport



Never stop thinking

Can it be faster? Safer? Better? Cheaper easier greener smarter more reliable ... ? The inquisitive minds at Crisplant are always striving to take our performance - and your projects - to new heights.



Crisplant is a one-stop resource for every aspect of the baggage handling system and screening process.

We have installed more than half of all the tilt-tray baggage handling sorting capacity in the world - the heart of the baggage handling system.

We thrive on questions at Crisplant. Even better, we deliver answers. Because meeting your baggage handling challenges requires that we never stop thinking, never stop pushing the limits of what is possible. A fact that our customers depend on, year after year.

Endless Performance

The Crisplant name is inseparably associated with technical innovation



and system design and dependability - qualities that are captured in our company promise: "Endless Performance." And because we are constantly developing our products and solutions, we are constantly helping our customers set new standards as well. Like with our unique LS-4000 sorter, which reduces energy consumption by up to 75%. Or with the industry's first combined RFID and barcode unit for high-speed baggage handling. Or with RampMate™, which automates the handling process for bulk baggage.



Regardless of the Crisplant solution, we make sure customers have a solid business case to support it.

As a one-stop resource, we help you address every aspect of the baggage handling system and screening process - including connecting terminals and providing the IT backbone for reliable operation. We do so by using our own high-tech systems and proven integration capabilities that extend far beyond Crisplant products. All to ensure your endless performance.



From Stockholm to Singapore

Crisplant got its start in 1944 and brought its sorting expertise to the airport industry in 1975. Since then, we have installed baggage handling systems in some of the world's largest and most well-functioning airports - as well as smaller facilities with big ambitions.

We fully understand your challenges and work closely with you to meet them. We have the equipment and know-how to achieve results far beyond the status quo. And we are committed to your success, no matter how lofty your aspirations.

Sound interesting? Our 1,000 expert employees are ready for your questions - and no doubt have a few of their own. In the meantime, perhaps the following will give you some answers.



Moving together



Leading airports around the world depend on Crisplant to successfully integrate even the most complex projects.

A complex chain of baggage management flows through your airport. Inbound and outbound baggage, as well as hold baggage screening. And that chain is only as strong as its weakest link. Good thing Crisplant is an authority in pulling all the pieces together.

We have successfully integrated projects at some of the largest, most complex and most acclaimed airports in the world. And at facilities large and small, we have an admirable track record of achieving optimal performance.

Secure integration

Because our integration capabilities extend far beyond Crisplant equipment, we can integrate absolutely every aspect of the baggage handling system.

We embrace the challenging task of integrating hold baggage screening and have done so in many major airports. Airports greatly value our integration experience, which ensures they get a

flexible screening solution that maximises the use of modular HBS equipment - meeting present and future screening challenges.

The following principles drive all our integration projects: flexibility, modularity, repeatability, scalability, built-in redundancies and contingencies, and ease of use.

Crisplant is a proven technology partner, and our integrated systems are built from leading-edge technologies that meet the tightest security requirements.

Software that grows with you

At the core of our integrated solutions you will find industry-leading software - created by more than 100 Crisplant IT/controls experts dedicated to keeping our systems at the leading edge.

Sophisticated software is one reason why a Crisplant baggage handling solution is such a safe choice for the fu-



Crisplant's modular software suite has proven its value in a host of operational installations, including nearly 1,000 sorting systems.

ture. Available in multiple variants, our software and controls keep pace with your growing airport.

Crisplant's unique modular software suite has proven its ongoing value in a host of operational installations, including nearly 1,000 sorting systems.

An experienced partner

Having been around almost as long as airports themselves, Crisplant has gathered a wealth of insight into automated material handling. Those nearly 70 years of experience have taught us that you have to keep things moving, even while installing a new system in an operating airport.

It takes some pretty advanced skills to achieve installation scheduling objectives while working around existing airport operations. It also takes "simple" things like dedication and conscientiousness. We deliver both. Because Crisplant is on your side in that chain - which helps keep your customers there too.

"Close partnership with the contractor is essential for smooth implementation of large and fairly sophisticated projects like a new automated baggage handling system. Crisplant has shown that the right experience and technical solution helped pave the way for such a successful cooperation."

Mr. Lim Yi
Executive Engineer
(Specialized Airport Systems)
Singapore Changi Airport

SPECTRUM OF SOLUTIONS

- High-speed transfer and baggage sorting systems
- Early bag storage (EBS) systems
- Extensive manufacturing capability
- Combined RFID and barcode identification systems
- 100% hold baggage screening (HBS) integration
- Fully automated hands-free management of bulk baggage
- High-level controls, including sort allocation computers (SAC)
- Training and documentation
- On-site installation and maintenance
- Full service contracts
- 24/7 technical hotline support
- Fast-ship spares inventory and online parts ordering





Moving further



The LS-4000 reduces energy consumption by up to 75% while delivering the speed and accuracy today's airports require.

Where do you want to go? Whatever your destination, our broad range of industry-leading equipment can take you there. Built on innovative, proven technology and dependable performance, Crisplant products help you - and your passengers' baggage - arrive right on time on even the most ambitious of journeys.

Crisplant offers a convenient, single source for all your baggage handling system needs. Featuring expert mechanical system design, Crisplant equipment performs optimally anywhere, even when space is tight.

Think green

Whether you think economy or environment when you think green, you will be pleased to know that Crisplant is working to make your thoughts a reality.

We lead the market with innovative products that save energy. For an introduction to some of the most "frequent fliers" in our airport portfolio, see the following:

- **LS-4000 tilt-tray sorter:** With its unique linear synchronous drive technology, the LS-4000 is specially designed to significantly reduce power consumption and operating costs - while delivering the speed and accuracy demanded in today's baggage handling operations.
- **CrisBag™:** A unique, tote-based system, CrisBag™ provides a complete, speedy and energy-efficient baggage handling solution - and is the only tote system where baggage can stay in the tote through x-ray. It is also ideal for early baggage storage.
- **RampMate™:** Automation of the handling process for bulk (non-containerised) baggage has taken a dramatic step forward with the RampMate™ system. Automating the make-up process for outbound baggage and the input process for inbound baggage, RampMate™ delivers significant operational, quality and safety benefits.

The RampMate™ system automates the make-up process for outbound baggage and the input process for inbound baggage.





CrisBag™ is the only tote system where baggage can stay in the tote through x-ray.

- **High-level controls:** Our unique software covers all an airport's baggage-related needs. For example, our sort allocation computer links the airport host computer system and low-level controls for a flexible, cost-effective and user friendly solution. Upgrades in live, running systems are possible with minimal interruption.

Think low lifecycle costs

Price-competitive installations are extremely important, of course. But your system's true cost can only be measured over its entire lifetime. At Crisplant, we offer turnkey solutions with low lifecycle costs - primarily due to low maintenance costs and considerable energy savings. Just think how efficiently you can boost your performance.



"The new system enables us to increase our handling capacity to meet higher levels of gateway traffic, whilst ensuring that we minimise both our costs and our carbon footprint by using the most energy-efficient baggage handling systems."

**Mr. Jukka Laitinen
and Mr. Henri Hansson**
Airport Engineering, Finavia



Moving on track

“The reason why we chose Crisplant is the strength and depth of its technical and management expertise. It was by any measure an ultra-fast and demanding installation schedule, which was delivered smoothly and on time.”

Mr. Hua Zhi Jian
Director of Equipment Dept.
Shanghai Airport Construction HQ

We offer a full range of project management services, from concept through commissioning of mechanical, electrical and control systems.



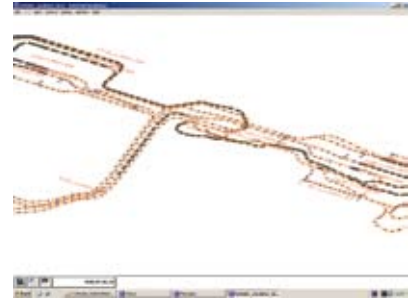
Just as a control tower manages the movement of aircraft, our staff keep a keen eye - and steady hand - on your project. And we have the expert overview that comes from decades in the business.

Process

Long before it became trendy, Crisplant began using a business project model to manage and implement projects.

The internationally recognized Stage-Gate® model defines projects into stages that promote cross-functional teamwork for successful project completion. Each stage serves as a milestone for project status review - ensuring execution according to plan.

Those stages encompass a full range of project management services, from concept to final design, to installation and commissioning of all mechanical, electrical and control subsystems. When operating as the contract consortium, we coordinate with all contractors onsite to ensure on-time



Emulation enables Crisplant to ensure that a baggage handling system can cope with current and future needs.

delivery. And regardless of the stage, our project managers do everything possible to make sure your existing operations are not disturbed.

Teamwork

Crisplant takes a team approach to keep your project on track. A group of skilled engineering, project management, installation and service professionals is dedicated to your project and closely collaborates throughout every phase.

You are also a key part of that team. Throughout the process, you will be kept up-to-date and involved to ensure the project proceeds according to plan.

Knowledge

Even the best products and processes are pointless if the people behind them are not well-equipped. From our software and mechanical engineers to our installation technicians to our service professionals, Crisplant has some of the best trained and most experienced personnel in the industry.



Before the system is set up on site, we fully test all software and controls to ensure optimal performance.



Crisplant's experienced staff receive ongoing training to ensure their skills stay up to date.

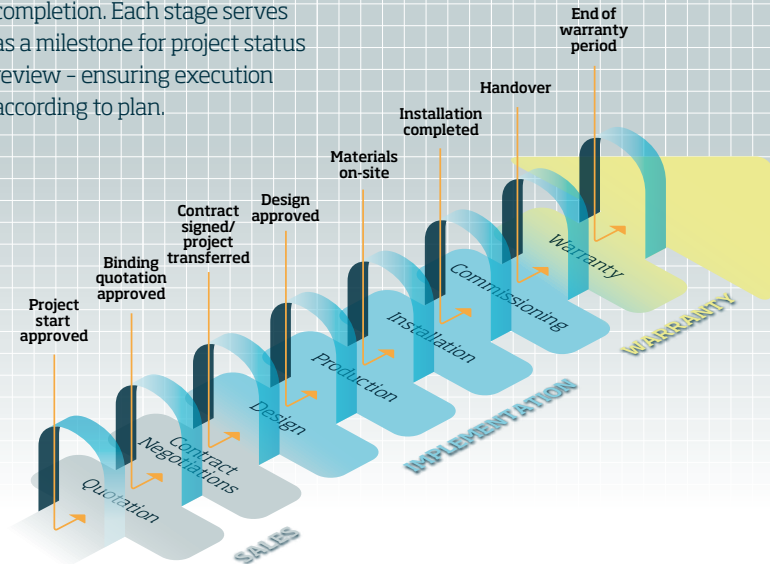
We have nurtured and developed our knowledge base since the start of our business in 1944 - constantly expanding it with the industry's most progressive, proven technologies. Which must be why we have been the first to introduce a number of technologies to the market.

Commitment

Perhaps most important, however, is simply the composition of the typical Crisplant employee. We truly care about your success. We work hard to make it happen. And we will not be satisfied with your project until you are.

Stage-Gate®

Our Stage-Gate® business project model defines projects into stages that promote cross-functional teamwork for successful project completion. Each stage serves as a milestone for project status review - ensuring execution according to plan.





Moving forward

Some of the world's leading airports depend on Crisplant for the operation and maintenance of their baggage handling systems.



Ongoing expert support of your baggage handling system is one key to "Endless Performance."

It is a moment virtually every passenger has experienced at the baggage carousel. Eagerly searching the parade of suitcases, hoping that the next bag to emerge has that eye-catching sticker or familiar design. And woe to the airport who disappoints them.

Woe to the baggage handling system supplier who disappoints the airport, too. At Crisplant, the ongoing service and support of your baggage handling system is every bit as crucial as its configuration and installation - and receives every bit as much attention. There is, after all, a good reason why our slogan is "Endless Performance."

A comprehensive package

From the moment your project is initiated, to commissioning and throughout operation, the Crisplant team does everything possible to ensure your baggage handling solution helps you succeed now and as you move forward. We offer the industry's most comprehensive service and support package, including full service and maintenance programs that ensure peak efficiency and management of the baggage handling process.

Of course we also integrate support for non-Crisplant products. It is all part of our commitment to performance.



Crisplant offers the industry's most comprehensive service and support package to ensure you operate at peak efficiency.



Maximum uptime

Dependable operation is your objective - and ours. We conduct preventive maintenance as required, and we make the latest technological advancements available as they arrive.

We handle the operation and maintenance of the baggage handling systems in some of the world's leading airports, such as Singapore and Munich Airport.

In addition, we have installed upgrades of baggage handling systems in major international airports such as Hong Kong, Johannesburg, Singapore and Sydney.

Upgrades of live systems - with minimal interruption - are also a routine part of our service and support package.

On-call care 24/7/365

Our Customer Support brochure says it most clearly: at Crisplant we never stop caring. As a Crisplant customer, you have access to technical support from Day 1, and every day (and night). That includes a round-the-clock help desk for expert technical assistance.

So no matter where and no matter what, we are ready to serve you. Do please let us know when you are ready to move forward. Because once we team up, nothing can stop us.

SPECTRUM OF SUPPORT

- Customer training
- Upgrades and enhancements
- 24/7 Hotline
- Spare parts
- Field service
- Full service and maintenance contracts
- Equipment and system audits
- Simulation and emulation as a training tool and test environment



Crisplant a/s

P.O. Pedersens Vej 10

DK-8200 Aarhus N

Denmark

Phone: +45 87 41 41 41

Mail: airport@crisplant.com

Web: www.crisplant.com