Beyond CAD/CAM

ATLANTIS™ ISUS patient-specific suprastructures
Clinical benefits meet patient satisfaction

As a part of the digital solutions offering from DENTSPLY Implants, ATLANTIS ISUS includes a full range of implant suprastructures for all major implant systems, providing an excellent foundation for optimal function and esthetics.

Incorporating ATLANTIS into the dental practice and dental laboratory provides peace of mind for both clinicians and dental technicians while allowing for increased efficiency and profitability.

**Surgical flexibility**

ATLANTIS ISUS is available for all major implant systems, and with 290 compatible implant and abutment connections, you can restore your preferred implant system(s) with ATLANTIS ISUS.

**Restorative freedom**

Whether bars, bridges or hybrids, ATLANTIS ISUS includes the solutions you need for restoring partially and fully edentulous arches and for meeting patient requirements and preferences for function and esthetics.

*All trademarks, company names and implant designs are the property of their respective owners.*
2005
ATLANTIS ISUS is introduced and the first implant suprastructures are delivered

>500,000
ATLANTIS ISUS implant connections produced and sold globally

290
Number of compatible implant and abutment connections

5 min
Time it can take to enter and process an order for an ATLANTIS ISUS implant suprastructure in ATLANTIS WebOrder

99%
On-time or early shipping

*Titanium* and *Cobalt-Chrome*
10 YEARS
10 YEARS
Comprehensive warranty program*

*Subject to the terms and conditions of the ATLANTIS ISUS warranty.*
Engineered for high precision

ATLANTIS ISUS implant suprastructures are produced using the latest developments in world-class production technologies, and supported by computer-based industrial and medical-device expertise.

The art and craft of dental laboratory procedures are further enhanced through the application of engineering principles, allowing for the design and production of consistent, high-quality, patient-specific implant suprastructures for all major implant systems.

Unlike casted suprastructures, ATLANTIS ISUS implant suprastructures are milled from solid blocks of titanium or cobalt-chrome, eliminating the potential for a porous material.

The milling strategies for ATLANTIS ISUS implant suprastructures have been optimized to produce a precise and passive fit.

The precise and passive fit of the ATLANTIS ISUS suprastructures has also been demonstrated by the University of Sheffield, UK, in accordance with the Sheffield Fit Test*.

An analytic approach (e.g. finite element analysis) is utilized to ensure products with optimal strength and function.

Each suprastructure is milled following an individual milling strategy, verified, and inspected before it is shipped from DENTSPLY Implants.

Finite element analysis (FEA) reveals the stressed areas in a design.

State-of-the-art production

Every ATLANTIS ISUS implant suprastructure is produced using optimized and individually specified milling strategies.

REFERENCES published in peer-reviewed journals, supporting ATLANTIS™ ISUS:


Suprastructures for optimal results

Designed from a diagnostic tooth set-up, ATLANTIS ISUS suprastructures can be attached on implant and/or abutment level.*

Suprastructures are available in titanium or cobalt-chrome,** and can be ordered with a high-gloss surface for optimal soft tissue management.

Removable prostheses

**ATLANTIS™ ISUS 2in1**

ATLANTIS ISUS 2in1 provides primary and secondary suprastructures for a removable solution. The primary is fixed to implants, while the secondary attaches to the primary using friction and additional retention elements. The secondary is a bridge or hybrid suprastructure finished with custom teeth and denture resin. ATLANTIS ISUS 2in1 solution combines screw-retained stability with removable prosthetic convenience.

*NATLANTIS ISUS on ASTRA TECH Implant System is recommended on abutment level and available for ANKYLOS on abutment level only.

**ATLANTIS™ ISUS Bar**

ATLANTIS ISUS Bar is indicated for removable dentures. Bars can be designed following the gingival profile and with extensions. ATLANTIS ISUS Bar can include a combination of various attachment options. ATLANTIS ISUS Bar is available in both standard and custom shaped bars, depending on case requirements.

**ATLANTIS™ ISUS 2in1 is only available in titanium.**
ATLANTIS ISUS Hybrid is indicated for fixed prostheses with wide flexibility in therapy and design for partially- and fully-edentulous patients. By angling the screw channel, the prosthetic screw access can be optimally positioned, thereby improving the function and esthetics of the restoration.

ATLANTIS ISUS Hybrid provides a full-anatomical base with an optimized surface and retention elements to be completed with custom teeth and denture resin.

ATLANTIS ISUS Bridge is indicated for fixed prostheses with wide flexibility in therapy and design for partially and fully edentulous patients. By angling the screw channel, the prosthetic screw access can be optimally positioned, thereby improving the function and esthetics of the restoration.

ATLANTIS ISUS Bridge provides a full-anatomical base for ceramic or composite layering techniques.
ATLANTIS™ is good business

Incorporating ATLANTIS is an easy way to add a new, premium prosthetic dimension to the solution offerings of both dental practices and dental laboratories.

Available for all major implant systems, ATLANTIS supports streamlined and consistent workflows for all implant-supported restorations.

Additionally, ATLANTIS reduces time and costs related to inventory management, maintenance, and chairside modifications. It brings simplicity and profitability to the dental practice, while freeing up time for additional cases to be created at the dental laboratory.

Best of all, ATLANTIS is an open, fully flexible business model that easily adjusts to dental practice and dental laboratory needs and processes, requiring no investment in software or equipment.

1. An implant- or abutment-level impression is taken by the clinician and sent to the dental laboratory with a request for an ATLANTIS ISUS implant suprastructure.

2. The order is entered by the dental technician using ATLANTIS WebOrder. Case models and materials are shipped to DENTSPLY Implants.

3. After review and final approval of the design in ATLANTIS ISUS Viewer, the suprastructure is milled.

4. The ATLANTIS ISUS implant suprastructure is shipped to the dental laboratory, which then produces the final prosthetic solution and sends the complete case back to the clinician.
Developed for laboratory efficiency

- Eliminate the time needed for designing and modifying frameworks—frees up skilled technicians’ time for other tasks
- No need for investment in and maintenance of additional equipment and software
- Simplified and efficient online ordering process

Designed for practice success

- Angulated screw access for optimal function and esthetics
- Simple restorative procedure with reduced chairtime
- Comprehensive 10-year warranty*

*Subject to the terms and conditions of the ATLANTIS ISUS warranty.
This connectivity is a result of our commitment to delivering consistent, reliable and high quality product and services. It supports the collaboration between DENTSPLY Implants and our customers as well as among the members of the treatment team and is present throughout the planning and treatment processes. Connectivity also helps guarantee that you receive exactly what you expect, each and every time.
We have you covered

Naturally, the implant suprastructures solution that offers the greatest freedom is also backed by a comprehensive warranty. If an implant supplier does not honor its warranty due to your use of ATLANTIS ISUS implant suprastructures, DENTSPLY Implants will cover both the suprastructure and the implants.*

For added assurance that your patients are receiving a genuine ATLANTIS ISUS original implant suprastructure, warranty cards are provided with an order identification number for every case delivered.

*Subject to the terms and conditions of the ATLANTIS ISUS warranty.
About DENTSPLY Implants

DENTSPLY Implants offers comprehensive solutions for all phases of implant therapy, including ANKYLOS®, ATRA TECH Implant System™ and XiVE® implant lines, digital technologies, such as ATLANTIS™ patient-specific CAD/CAM solutions and SIMPLANT® guided surgery, SYMBIOS® regenerative solutions, and professional development programs. DENTSPLY Implants creates value for dental professionals and allows for predictable and lasting implant treatment outcomes, resulting in enhanced quality of life for patients.

About DENTSPLY International

DENTSPLY International Inc. is a leading manufacturer and distributor of dental and other healthcare products. For over 110 years, DENTSPLY’s commitment to innovation and professional collaboration has enhanced its portfolio of branded consumables and small equipment. Headquartered in the United States, the Company has global operations with sales in more than 120 countries.

www.dentsplyimplants.com