



AirFRAME[®]
SURGICAL SUITE CEILING SYSTEMS



REDUCE CONSTRUCTION TIME AND GET YOUR OR BACK ONLINE FASTER

Your Surgical Suite is where most of your revenue comes from. It is also the most expensive piece of real estate in your facility. Reduction of downtime is paramount. You need to maintain the full use of your OR, but construction projects can take months if not years to complete. AirFRAME[®] not only gets you on line and generating revenue faster, but it allows you to provide the best possible environment for your patients and staff.

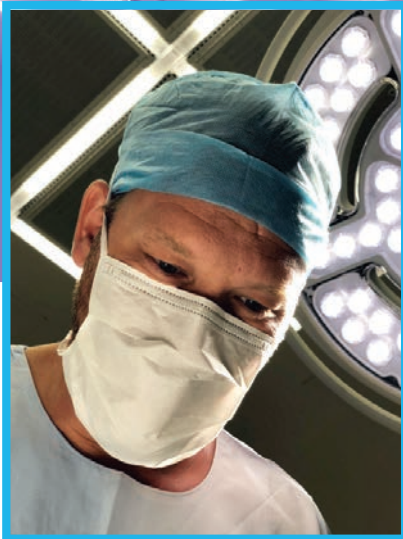
The AirFRAME[®] system is a fully-integrated, surgical suite ceiling that incorporates air delivery, disinfection, LED lighting and structural mounts. The system is manufactured off-site and delivered to your project for a quick and easy installation, saving you time and money. With your patients as your highest priority, they deserve to be cared for in a facility that has been Designed 4 Zero[™] infections and harm.



IT'S OUR RESPONSIBILITY TO TURN YOUR BUILDING DREAMS INTO REALITY

SLD TECHNOLOGY, BRINGING IT ALL TOGETHER FOR HEALTHCARE.





UV LIGHT in the operating room is a powerful disinfectant and has an important place in the hospital but it comes at a high cost to people and equipment. It can cause premature aging, skin cancer, corneal damage and immune system suppression so people cannot be present when in use. It also degrades plastics and filter sealants, reducing the life and effectiveness of critical equipment. Indigo-Clean is **NOT UV** and provides effective disinfection without any of the drawbacks of UV or UVC systems.

24/7 Disinfection



COMMITMENT TO ZERO:

Every action we take is dedicated to the reduction of infections and healthcare harm. We strive always to improve healthcare and will not be distracted by any other activity. All we do is healthcare.

MACRO AWARENESS:

We are aware that what we do impacts what others do. We seek to understand all aspects of the design and construction of a hospital operating room, including our impact on other stakeholders.

PRODUCTS AND SERVICES DESIGNED TO HELP HOSPITALS ACHIEVE ZERO INFECTIONS AND ZERO HARM.

EVIDENCE BASED:

We value sound research and continue to push the technology envelope. We look for new and better evidence-based solutions for improving outcomes.

INDEPENDENTLY VERIFIED:

Any performance claims we make will be tested and verified by a third party.



DESIGN: we provide a no cost design layout service for your projects

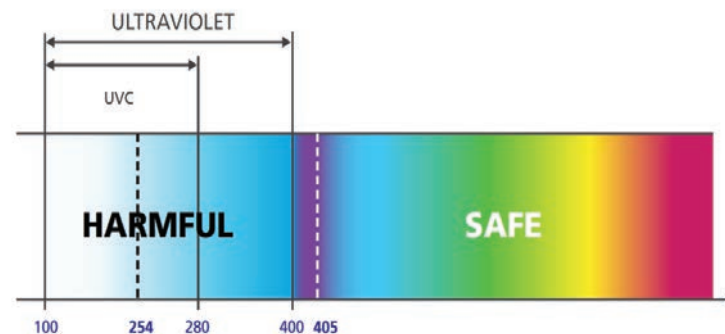


COORDINATE: we will handle all vendor coordination efforts



MANUFACTURE we build our products to your specifications

**REDUCE INFECTIONS
SAVE LIVES**



- Fully integrated
- No staff required
- No training
- No consumables
- No maintenance
- 10 year life span
- Fully automated
- Reduced microbials
- Reduced infections
- Safe for patients & staff

ROI

The system pays for itself with just one infection saved over the life of the product.

BEST ENVIRONMENT

AirFRAME[®] uses Zonal Pressure Control (ZPC[™]) to create the safest environment for patients and staff. Pressure zones created by the AirFRAME[®] system prevent contaminants from getting to the surgical site.

The AirFRAME[®] system includes equalization ports that supply air directly under the integral lighting in order to create a single-diffuser pressure zone throughout the array. Air moves from high pressure to low pressure and since air is delivered under the integral lighting elements by the system, the resulting pressure zone that is created reduces turbulence. Turbulence can allow air to inadvertently cross over a non sterile surface and enter back into the sterile field. This CFD model shows how ZPC[™] pushes particles away from the surgical site.

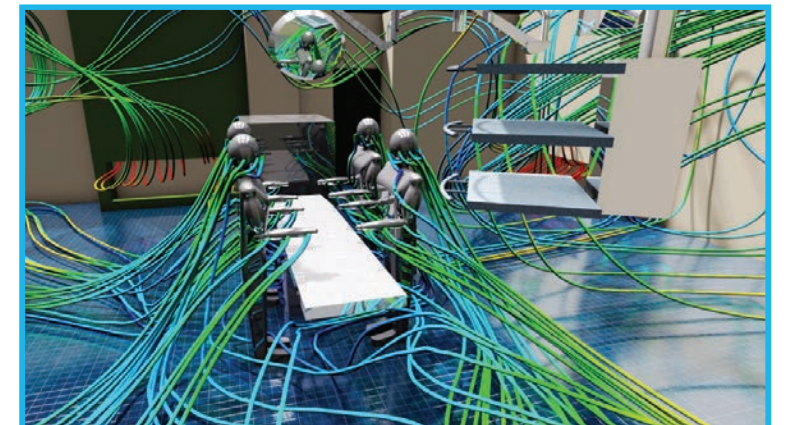
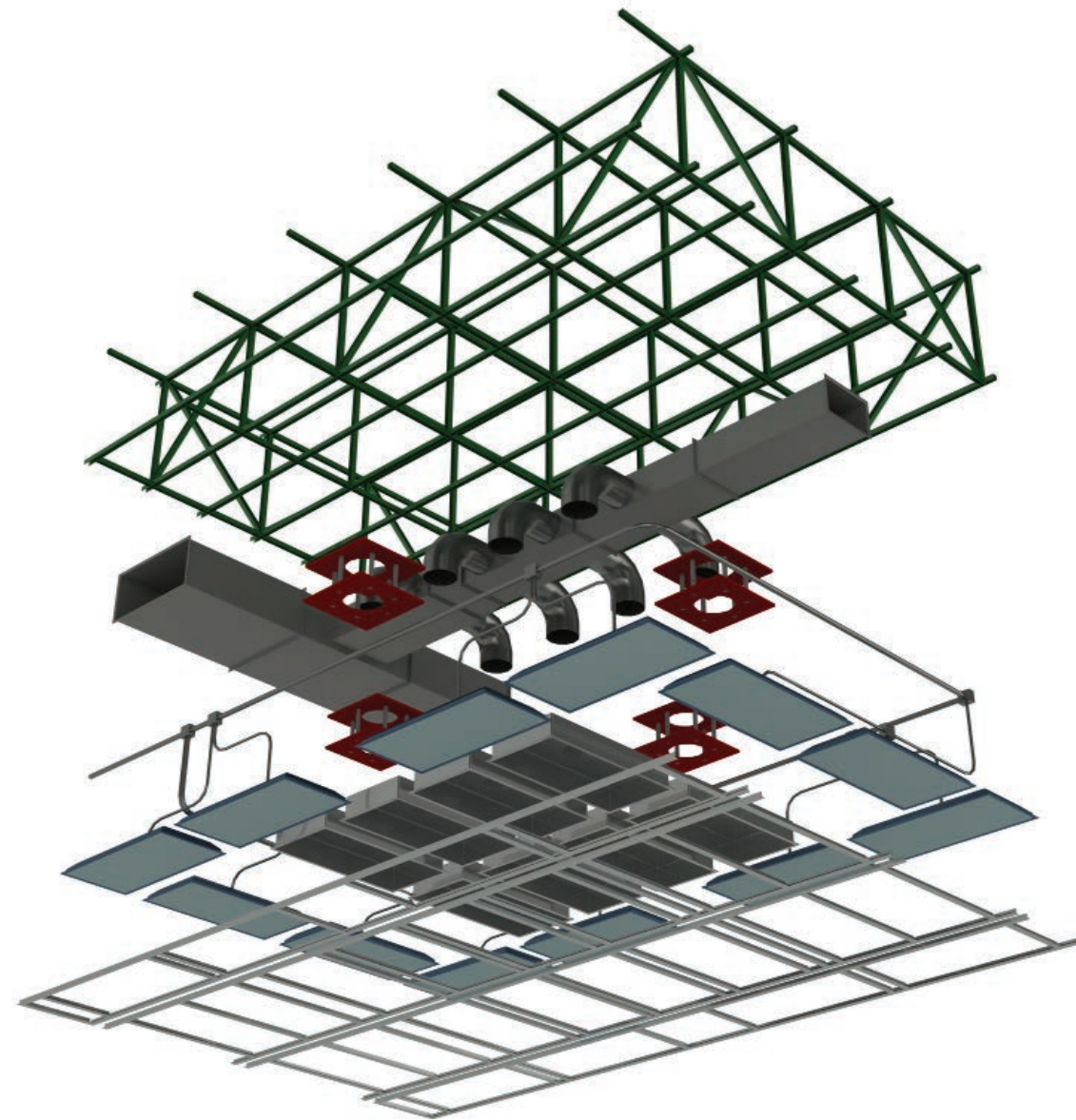


Photo courtesy of Autodesk

WHY SPEND WEEKS DOING THIS ?

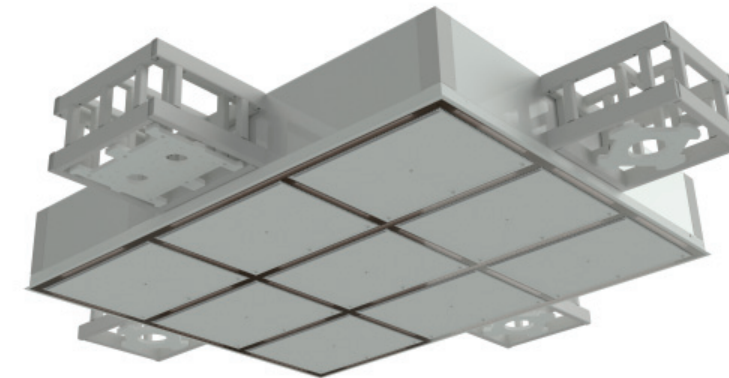


MULTI DIFFUSER ARRAY (MDA)

Field built

- Independent coordination required of all ceiling trades & vendors
- Non-coordinated MEP performance
- Increased risk & general conditions
- Lengthy construction timeline
- Multiple-source responsibility for infrastructure over the table
- Ripe for site conflicts & change-orders

WHEN YOU CAN SPEND HOURS DOING THIS ?



SINGLE LARGE DIFFUSER (SLD)

Factory built

- Frontloading coordination of all ceiling trades & vendors
- Pre-engineered MEP performance
- Reduced risk & general conditions
- Compression of construction timeline
- Single-source responsibility for infrastructure over the table
- Reduced site conflicts & change-orders



SLD
TECHNOLOGY

FIND OUT MORE ABOUT US



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SLD Technology

