

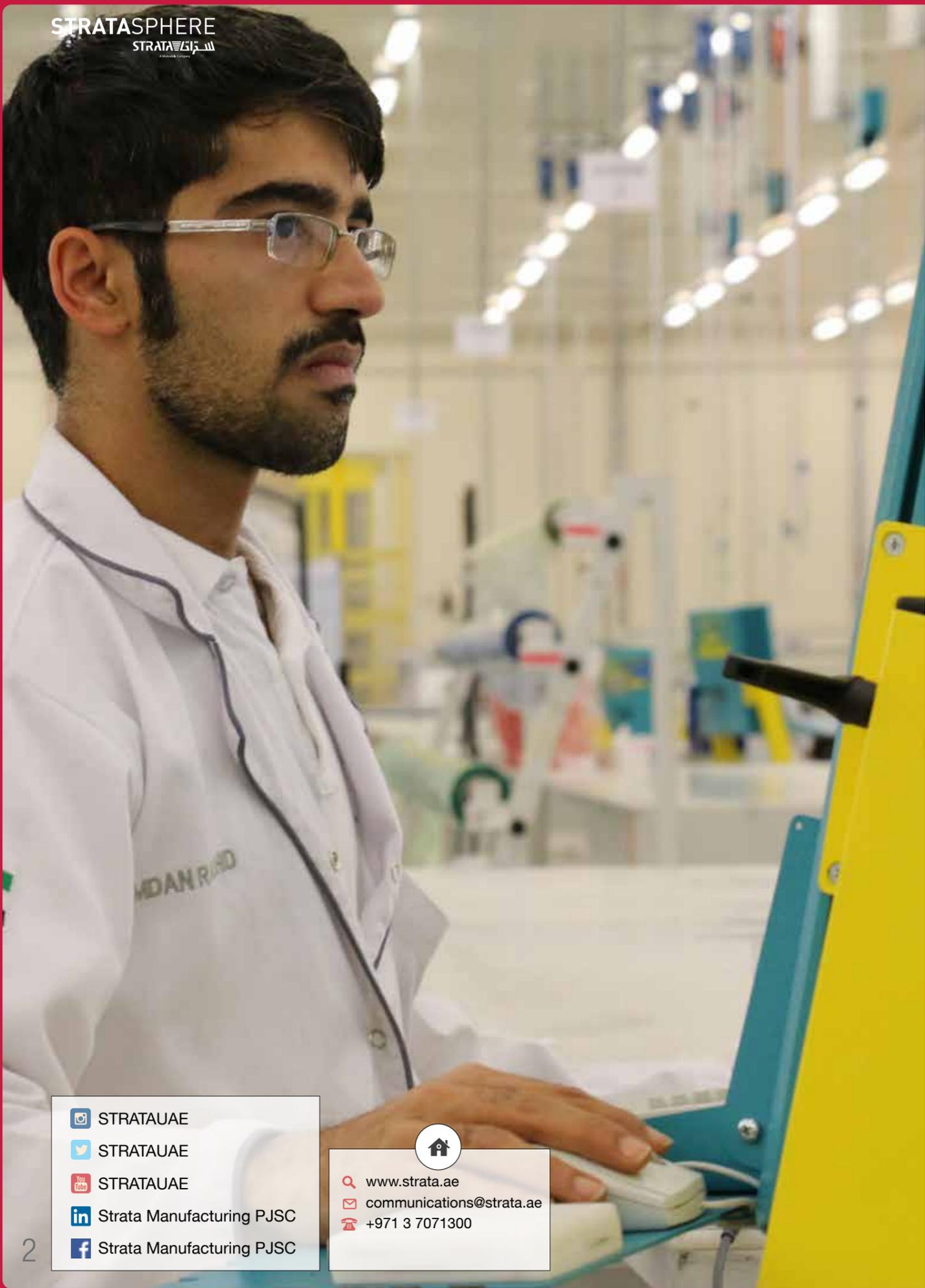
# STRATASPHERE

ISSUE 12

# الستراتاسفير

A Mubadala Company





 STRATAUAE

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 Strata Manufacturing PJSC

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## Message from the CEO



**Badr Al Olama**  
 CEO, Strata

We have achieved two key milestones during 2016; the delivery of the first shipset of the Flap Track Fairing and Aileron for the A330neo, and the delivery of the first shipset of the Flap Support Fairings for the A350 – 1000. Time and time again, we are demonstrating to our

customers that we seamlessly plan, implement and deliver at such unprecedented speed that would be difficult for any other aerospace supplier in the industry to match.

But in this edition of Stratasphere, I want to address something else. The team and I have shared key business wins, new partnerships, and extensions of existing partnerships but, by far, the most important achievement was the successful launch of our core values. It is the most important because it was conceived from the collective input of our entire workforce, and it is here to stay – longer than any contractual agreement we have with our customers.

Our values, represented by a single-word “PRIDE”, embodies the spirit of what makes us a dynamic, progressive and successful team. Our values truly capture the essence of what it takes to work at Strata, and we want these values to go beyond our workplace to touch upon our lives and the lives of our loved ones – to ensure growth and prosperity is not limited to ourselves but also extends to every member of our family.

Values are at the core of everything we do, they guide us towards making decisions that are right for our organization, right for the people we are surrounded by, and right for ourselves. They set a shared future that is built on a culture of trust; that is by giving to others whilst growing our own careers to create a common purpose and that drives us towards building a great workforce for a great company. This has always been, and will always remain, our commitment to Strata’s key stakeholders – our shareholder Mubadala, our customers and our suppliers.

As we have always done in the past, we must work together in upholding our values during and after work, when dealing with one another or even when working with customers and suppliers. Each one of us is empowered to excel – and through excellence we can expect greater achievements for Strata over the coming few years.

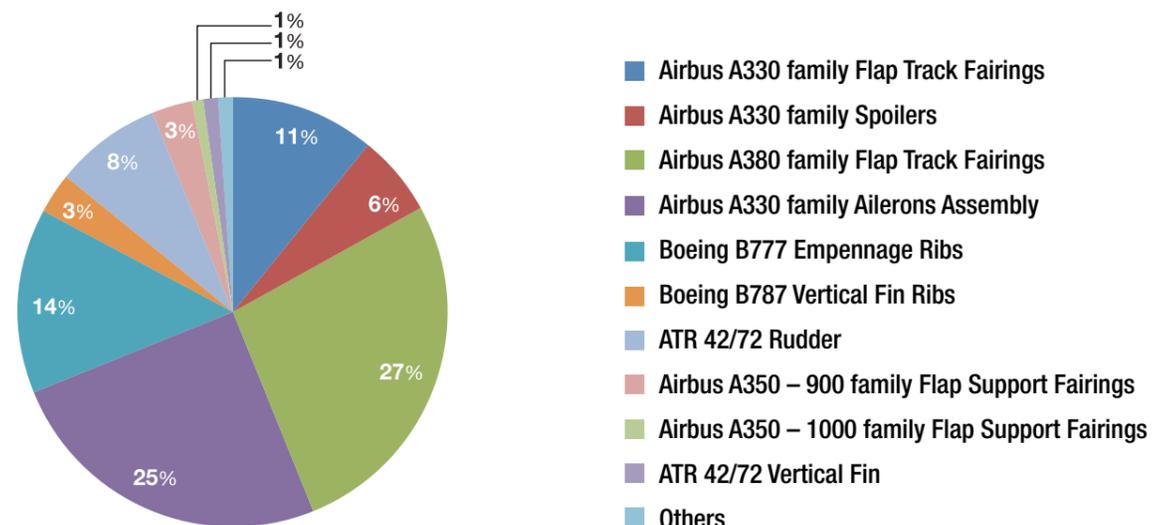
Sincerely,

Badr Al Olama

## STRATA ANNOUNCES GROWTH IN 2016 THIRD QUARTER REVENUE

Strata’s third quarter financial results for 2016 have been released, increasing to AED 294 million, compared to AED 220 million during the same period last year.

### Revenue by Program



## INTRODUCING 3D PRINTING



The Digital Manufacturing and Innovation Department hosted a 3-D printing event on Wednesday, 13 July. The day started with some curiosity from the staff visiting the canteen not knowing what was about to happen. However once a few decided to venture over, the flood gates opened and the team were engulfed with questions. The team received many questions about the technology. Attendees left impressed, especially when they learned about the cost savings from delivering certain tooling items through 3-D printing that, up until now, had to be ordered from outside suppliers. Computer Numerical Control Team’s next task is to engage with the operators in their environment to discover even more printing opportunities that can bring financial savings to Strata.

## LOCAL SUPPLIER TRAINING

In partnership with the Ministry of Economy, Strata embarked on a week-long training program for local suppliers. Upon completion of the program we will launch our first tender to qualify a local supplier to manufacture metal parts in UAE.

The training was attended by 60 participants from more than 14 local suppliers representing operations, engineering, procurement, and quality. Suppliers from Al Ain, Abu Dhabi,

Dubai, Sharjah, and Umm Al Quwain received training from SGS, a qualified training company from Germany, and audit and certification body for QMS including AS9100.

Participants of the program were trained on a number of topics including airworthiness awareness and responsibilities, the QMS requirement of the 9100 series and GRAMS requirements. Furthermore, the teams were given insights into procurement and the

management of material and service as well as a guide to product definitions. Suppliers were also provided with an overview of customer non-special and special processes and guidelines of costings.

Partners in attendance of the training course included, Tawazun, Emirates Development Bank, Khalifa Fund, Ministry of Economy and the Department of Economic Development.

## AIRBUS BREMEN BUSINESS TRIP REPORT

Recently, Naseefa Al Ameri, tooling engineer at Strata, and Suaad Abdulla Mohammed Bani Abdulkarim, manufacturing engineer at Strata, joined a team of Strata employees on a visit to the Airbus facility in Bremen, Germany. The visit was related to the A350-900 Inboard flap assembly project which will be housed in Strata's new extension.

The A350-900 Inboard flap assembly contains

metal parts, composites and aluminum. Currently, only Airbus assembles parts where the process is divided into three different stages.

During the trip, Strata employees had the chance to visit the shop-floor and learn about different assembly tools. They also had the chance to review the tool drawings with the Airbus tooling team. This gave them a better understanding of how Airbus Bremen succeeds in manufacturing

the Inboard flap assembly.

The visit was a great opportunity for the next generation of aerospace engineers to visit a leading Original Equipment Manufacturer and see how other companies are producing aircraft components, the new technologies that are being introduced as well as the existing processes.



## SECURITY DEPARTMENT

As Strata continues its journey to transform into a digital factory, the Security Department is changing the way it conducts its business by shifting from paper forms to online forms. The department has already launched both the vehicle and visitor access on the Strata portal.

The following benefits are the result of automating the system:

- Paperless environment
- Accuracy
- Generate a database
- Increase response rates
- Workflow automation
- Enhance visitors experience to Strata's facility by sending emails and SMS messages to remind them about their meetings

## PMO

### Lessons Learnt

- The Business Performance & Risk Management team, with support from IT, developed a new 'Lessons Learnt' system taking into consideration feedback received across Strata.
- The purpose of monitoring and capturing Lessons Learnt are to improve current process/activities, provide guidance and useful information for future engagements and prevent the loss of valuable knowledge.
- The Lessons Learnt system has been developed and tested, and live on Strata's Portal. The Business Performance & Risk Management team provided training to all.

### Excel Through Innovation – Idea Management Process

- Strata launched company-wide initiative to promote and encourage innovation in order to stimulate employee creativity, increase employee engagement and capture and utilize ideas to improve current processes and secure benefits.
- The Idea Management system has been developed and tested and live on Strata's Portal.

## QUALITY DEPARTMENT

One of our main objectives is to develop the skills of UAE nationals in areas that will support Strata's plans to become globally one of the top suppliers in aero-structures. Based on this objective, Strata has organized and enabled the employees listed below to attend formal training on various subjects relevant to Strata's activities:

### Saif Mubarak Ramadhan Ali Bin Musabah

QMS Foundation course on ISO 9001-2015 Internal Audit training including examination in line with ISO 9001-2015

### Reem Sulaiman Khalfan Salem Al Shamsi

Basic Radiation Safety course including examination in accordance with the international standards EN 4179 and NAS 410

### Aysha Khalifa Sbait Saif Alkaabi

Basic Radiation Safety course including examination in accordance with the international standards EN 4179 and NAS 410

Although Strata is a relatively young company in the aerospace business, we have built a solid reputation within the industry based on our ability to meet the high standards of the industry and deliver quality products on time to our customers. Based on our reputation, customers' confidence in the integrity of our Quality System and following a validation of the skills of the nominated Quality Inspector, Source Inspection Delegation has been

granted as below:

Strata Quality Inspector Mahesh Beemaraya has been granted Delegation for Customer Source Inspection on A330 FTF, A330 Spoiler and A380 FTF. Mahesh is the first Quality Inspector to be granted Customer Delegation for Source Inspection on three programs at the same time.

### Nadcap initial accreditation for Chemical Processing

All aerospace suppliers that perform "special processes" are required to meet the stringent requirements of the National Aerospace and Defense Contractors Accreditation Program (Nadcap) accreditation as contractually mandated by the Original Equipment Manufacturers (OEM).

Nadcap is a global cooperative accreditation program for aerospace engineering, defense and related industries.

Nadcap's membership consists of "Prime Contractors" who coordinate with aerospace accredited Suppliers to develop industry-wide audit criteria for special processes and products. Nadcap provides independent certification of manufacturing processes for the industry.

Strata achieved its Chemical Processing Nadcap accreditation in July 2016 after we successfully completed the initial accreditation audit.

The main driver for a successful accreditation/certification is to develop standards in accordance with the Nadcap and EN 9100 requirements for all processes in line with Strata's needs and ensure strict following of these standards from all employees across the whole organization.

# STRATA'S EVENTS



**Strata's participation in Qudwa Teachers' Forum  
 5 October**

The Qudwa Teachers' Forum 2016 was held under the patronage of His Highness Sheikh Mohamed bin Zayed Al Nahyan, Crown Prince of Abu Dhabi, Deputy Supreme Commander of the UAE Armed Forces, and Chairman of the Executive Council of the Emirate of Abu Dhabi. Strata launched its partnership with the Masdar Institute of Science and Technology and the UAE Space Agency to demonstrate its collaborative research innovations and human capital development leadership in the fields of energy, advanced technology and space systems. A total of 76 collaborative research projects were displayed by Masdar Institute – 21 with Strata at the "Innovation Driving Change" area, and five with the UAE Space Agency at its 'Mars Habitat' display. Qudwa Teachers' Forum 2016 salutes teachers as exemplary role models who have and continue to educate, inspire, and lead the UAE and its people on their journey of development and achievement.

**UAE Women's Day  
 28 August**

Strata celebrated Emirati Women's Day with its employees to highlight Emirati women's achievements.



**Ice-cream Day  
 30 August**

Strata celebrated its annual Ice-cream Day with its employees by sharing delicious ice-cream with the staff.



**Family Day and Core Values  
 5 October**

Strata successfully launched its core values event, which was followed by a number of team building and family activities.

