SANS Safety Investigations

Performance, Process, Analysis, and

Input to organizational discissions

2023
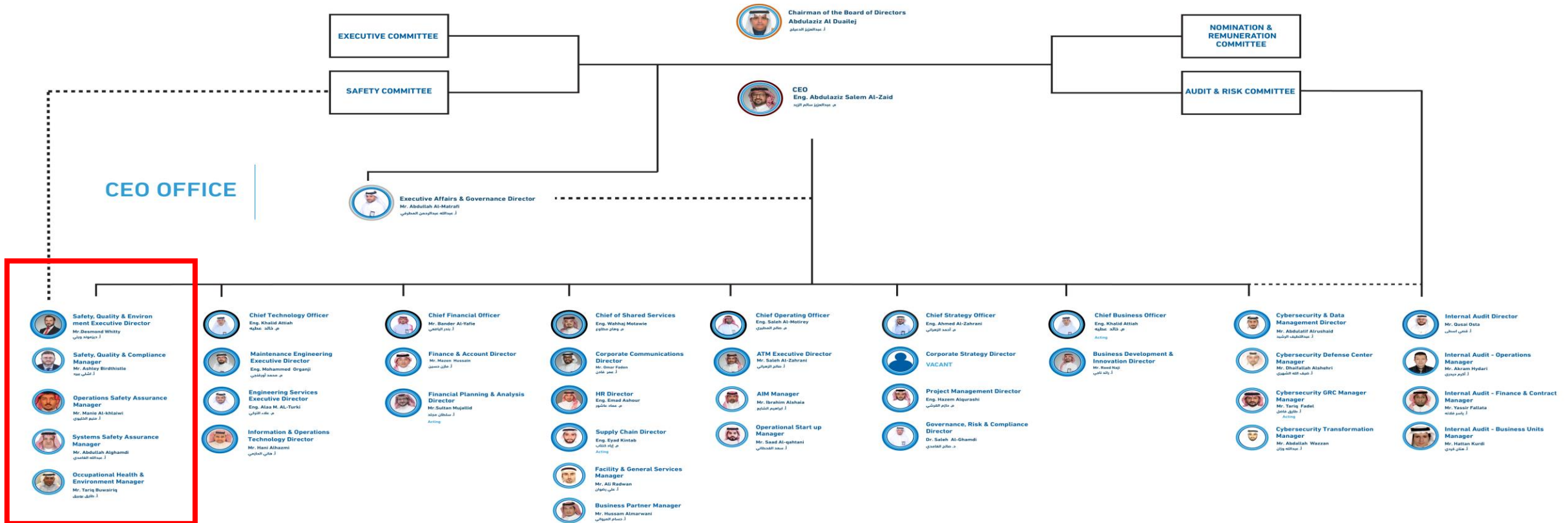WWW.SANS.COM.SA

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Who we are

Saudi Air Navigation Services (SANS), is the ANSP responsible for providing Air Navigation Services in the Kingdom of Saudi Arabia.
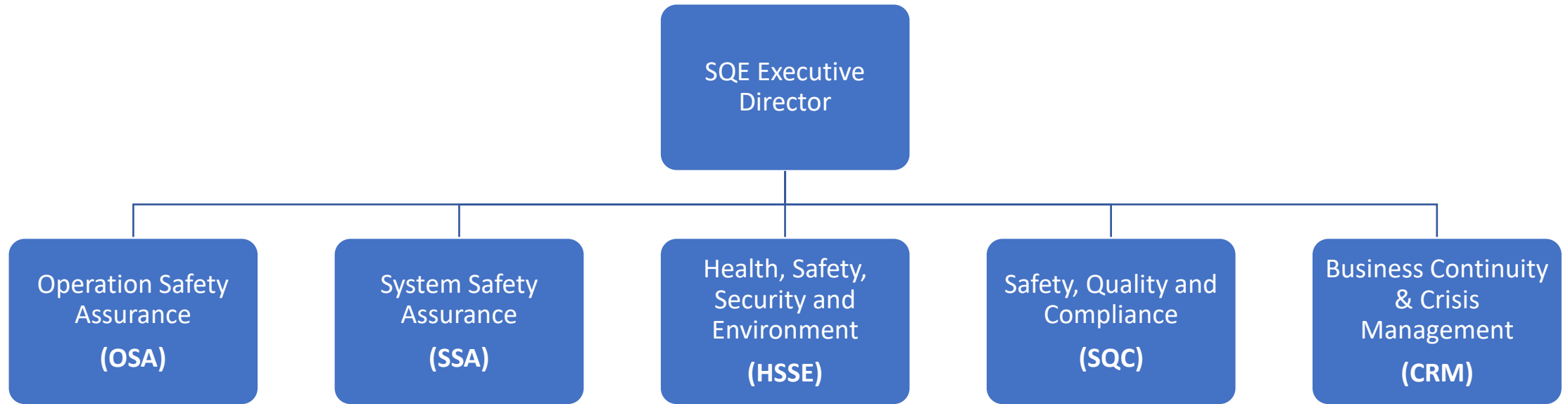
We are Managing Skies, Securing Lives & Shaping the future of Air Navigation Services in Saudi Arabia by playing important and vital roles in the safety, security and efficiency of airspace.

SANS
ORGANIZATION STRUCTURE

Chairman of the Board of Directors
Abdulaziz Al Duailej
أ. عبدالعزيز الدعيلج

EXECUTIVE COMMITTEE

SAFETY COMMITTEE

NOMINATION & REMUNERATION COMMITTEE

AUDIT & RISK COMMITTEE

CEO
Eng. Abdulaziz Salem Al-Zaid
م. عبدالعزيز سالم الزيد

CEO OFFICE

Executive Affairs & Governance Director
Mr. Abdullah Al-Matrafi
أ. عبدالله عبدالرحمن المطرفي

Safety, Quality & Environment Executive Director
Mr. Desmond Whitty

Safety, Quality & Compliance Manager
Mr. Ashley Birdithistle

Operations Safety Assurance Manager
Mr. Mania Al-khlaiwi
أ. منيع الخليوي

Systems Safety Assurance Manager
Mr. Abdullah Alghamdi
أ. عبدالله الغامدي

Occupational Health & Environment Manager
Mr. Tariq Buwairiq
أ. طارق بويريق

Chief Technology Officer
Mr. Khalid Attiah
م. خالد عطيه

Maintenance Engineering Executive Director
Eng. Mohammed Organji
م. محمد اورنجي

Engineering Services Executive Director
Eng. Alaa M. AL-Turki
م. علاء التركي

Information & Operations Technology Director
Mr. Hani Alhazmi
م. هاني الحازمي

Chief Financial Officer
Mr. Bander Al-Yafie
أ. بندر اليافعي

Finance & Account Director
Mr. Mazen Hussain
أ. مازن حسين

Financial Planning & Analysis Director
Mr.Sultan Mujallid
أ. سلطان مجلد
Acting

Chief of Shared Services
Eng. Wahhaj Motawie
م. وهاج مطاوع

Corporate Communications Director
Mr. Omar Faden
أ. عبدالله الغامدي

HR Director
Eng. Emad Ashour
م. عماد عاشور

Supply Chain Director
Eng. Eyad Kintab
م. إياد الكتاب
Acting

Facility & General Services Manager
Mr. Ali Radwan
أ. علي رضوان

Business Partner Manager
Mr. Hussam Almarwani
أ. حسام المرواني

Chief Operating Officer
Eng. Saleh Al-Motirey
م. أحمد المطيري

ATM Executive Director
Mr. Saleh Al-Zahrani
أ. صالح الزهراني

AIM Manager
Mr. Ibrahim Alshaia
أ. إبراهيم الشايع

Operational Start up Manager
Mr. Saad Al-qahtani
أ. سعد القحطاني

Chief Strategy Officer
Eng. Ahmed Al-Zahrani
م. أحمد الزهراني

Corporate Strategy Director
VACANT

Project Management Director
Eng. Hazem Alqurashi
م. حازم القرشي

Governance, Risk & Compliance Director
Dr. Saleh Al-Ghamdi
د. صالح الغامدي

Chief Business Officer
Eng. Khalid Attiah
م. خالد عطيه
Acting

Business Development & Innovation Director
Mr. Raed Naji
أ. رائد ناجي

Cybersecurity & Data Management Director
Mr. Abdulatif Alrushaid
أ. عبداللطيف الرشيد

Cybersecurity Defense Center Manager
Mr. Dhaifallah Alshehri
أ. ضيف الله الشهري

Cybersecurity GRC Manager
Mr. Tariq Fadel
أ. طارق فاضل
Acting

Cybersecurity Transformation Manager
Mr. Abdallah Wazzan
أ. عبدالله وزان

Internal Audit Director
Mr. Qusai Osta
أ. قصي اسطي

Internal Audit – Operations Manager
Mr. Akram Hydari
أ. أكرم حيدري

Internal Audit – Finance & Contract Manager
Mr. Yassir Fallata
أ. ياسر فلاته

Internal Audit – Business Units Manager
Mr. Hattan Kurdi
أ. هتان كردي

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SQE Organization Structure

Roles

Safety Oversight	Change Management	Safety Audits & Inspections
Occurrence Investigation	SMS Safety Policy Development	Risk Management
Safety Reporting	Safety Assurance	Safety Promotions

Roles

Quality Oversight	**Data Analysis**	**Crisis Management**
Business Continuity	**Occupational Health Safety**	**Environment Safety**
Security Management System	**Safety Compliance**	**Safety Awareness**

Operation Excellence
Technology utilization by SQE

Safety Dashboards

- ✓ Cutting-edge software solution designed to streamline safety monitoring and reporting for organizations.
- ✓ Consolidates relevant safety data into a centralized platform, presenting it in a visually appealing and easily understandable format.
- ✓ Provides Executive Summaries in addition to the comprehensive view of safety performance, enabling informed decision-making.

Key Features and Functionality

Data Visualization: data visualization techniques like charts and heat maps to present safety metrics and trends in a visually appealing way.

Customizable Metrics: The dashboard provides the flexibility to configure and tailor safety metrics based on an organization's specific requirements.

Real-time Monitoring: With real-time data integration capabilities, the SANS Safety Dashboard ensures that safety information is always up to date.

Trend Analysis: By analyzing historical safety data, the dashboard identifies trends and patterns that can reveal potential risks or opportunities for improvement.

Increasing efficiency: and promoting communication and collaboration among stakeholders.

Systems and Standards

- ✓ **TOKAI System including Notification, Data Gathering, and Risk Analysis Tool Modules**

- ✓ **HSSE Voluntary Reporting System**

- ✓ **MMS (Maintenance Management System)**

- ✓ **ISO 45001:2018 Occupational Health and Safety Management Systems**

- ✓ **ISO 9001:2015 Quality Management Systems**

SANS Safety Investigations
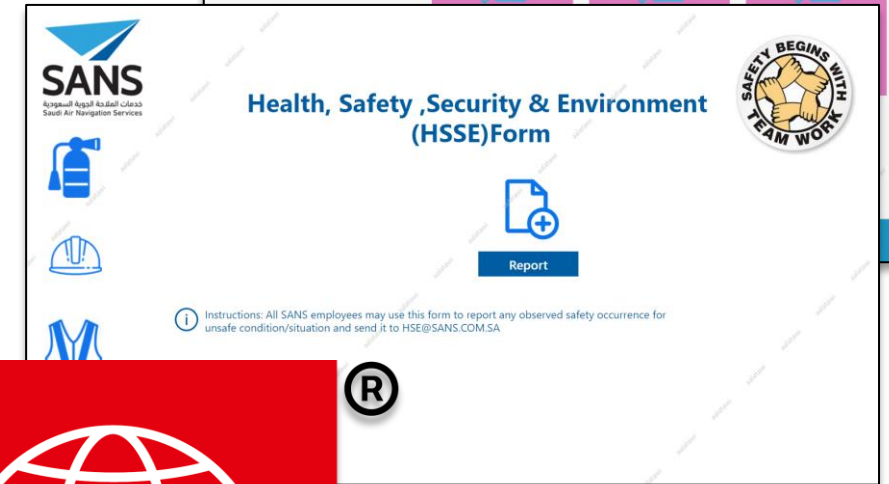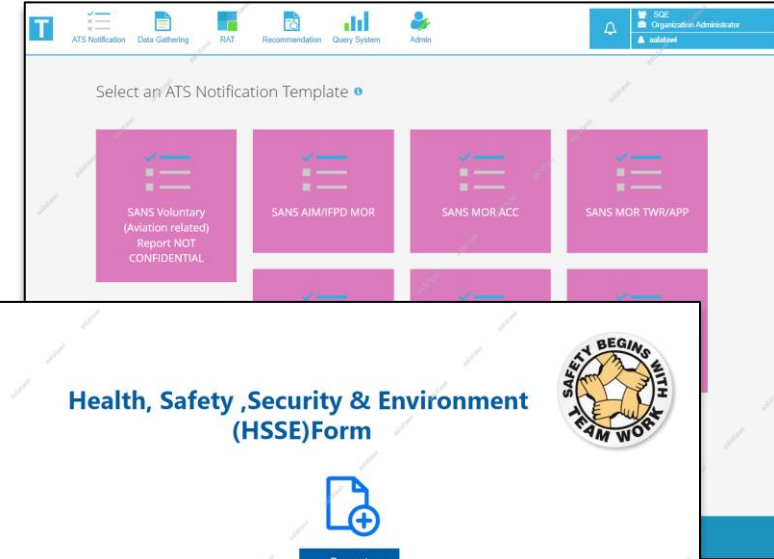
SANS Safety Management System SMS

SANS, in line with its unwavering dedication to aviation safety, has;

- introduced the Safety Management System (SMS) as a comprehensive framework encompassing investigation processes and procedures.

- established robust safety performance targets and alerting levels, allowing for proactive identification and mitigation of potential risks.

- identified specific Safety Performance Indicators (SPIs) to provide focused analysis and prioritize incidents that require further attention
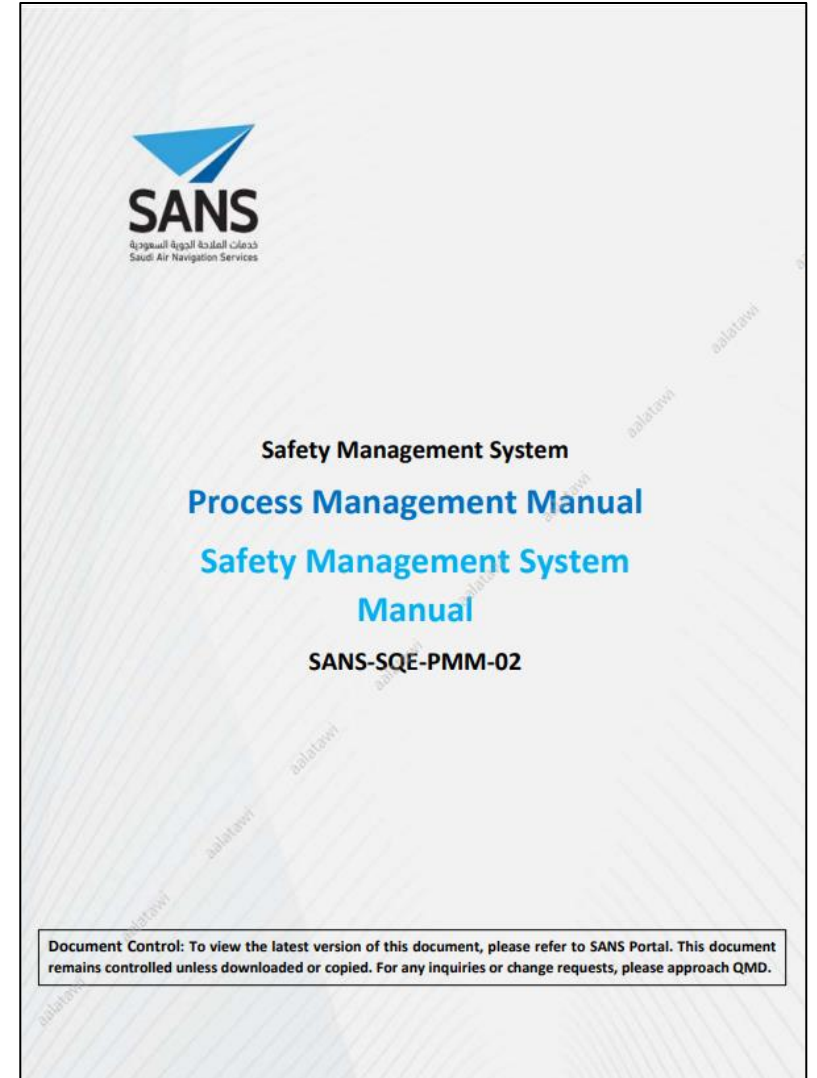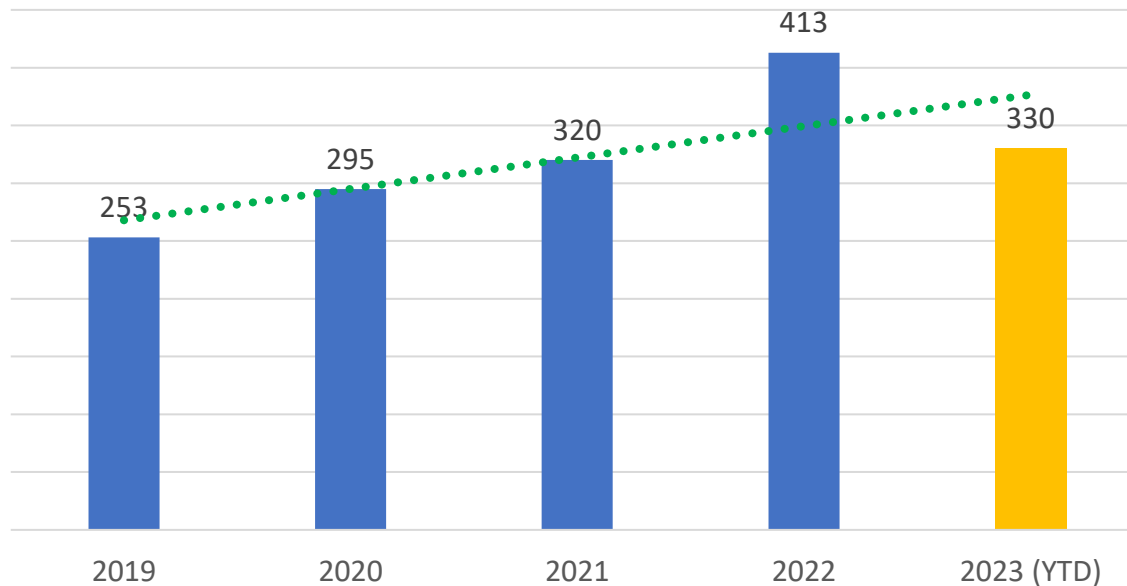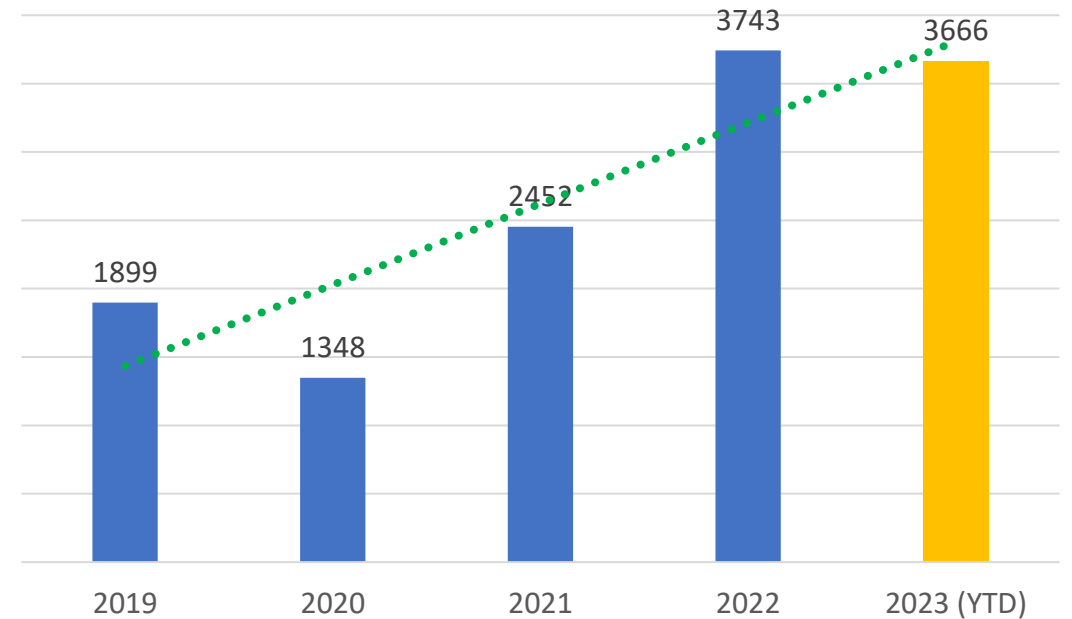
Safety Recommendations Performance

SAFETY RECOMMENDATIONS

Driving Down Upwards Incidents
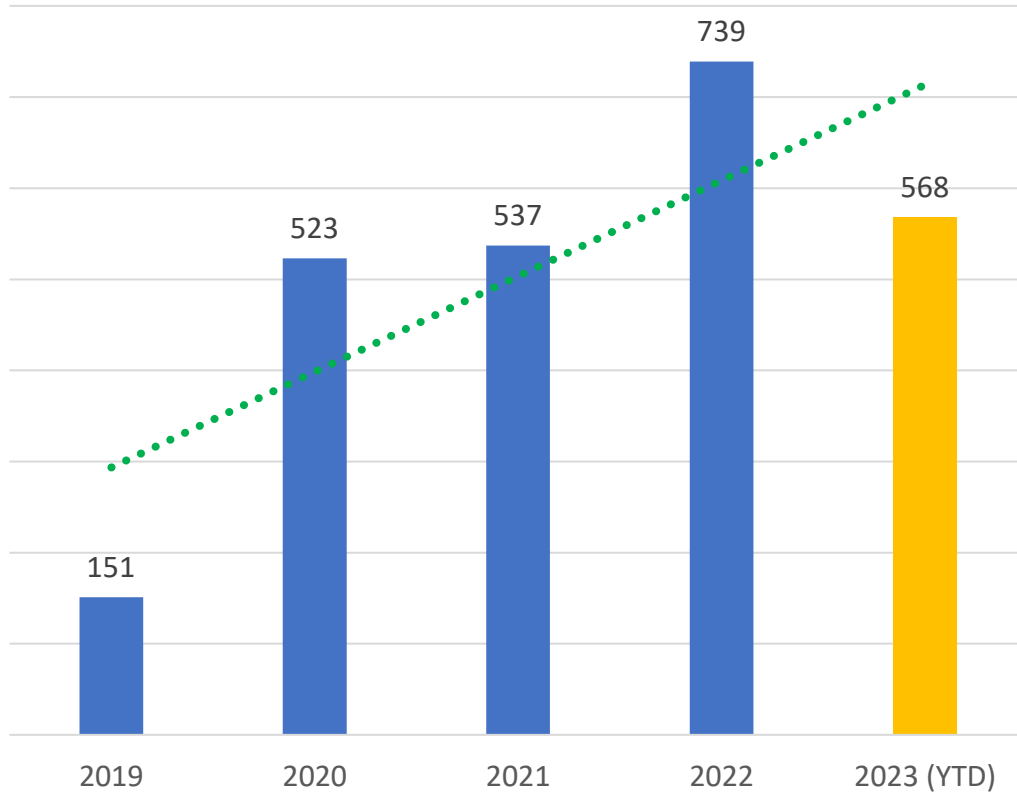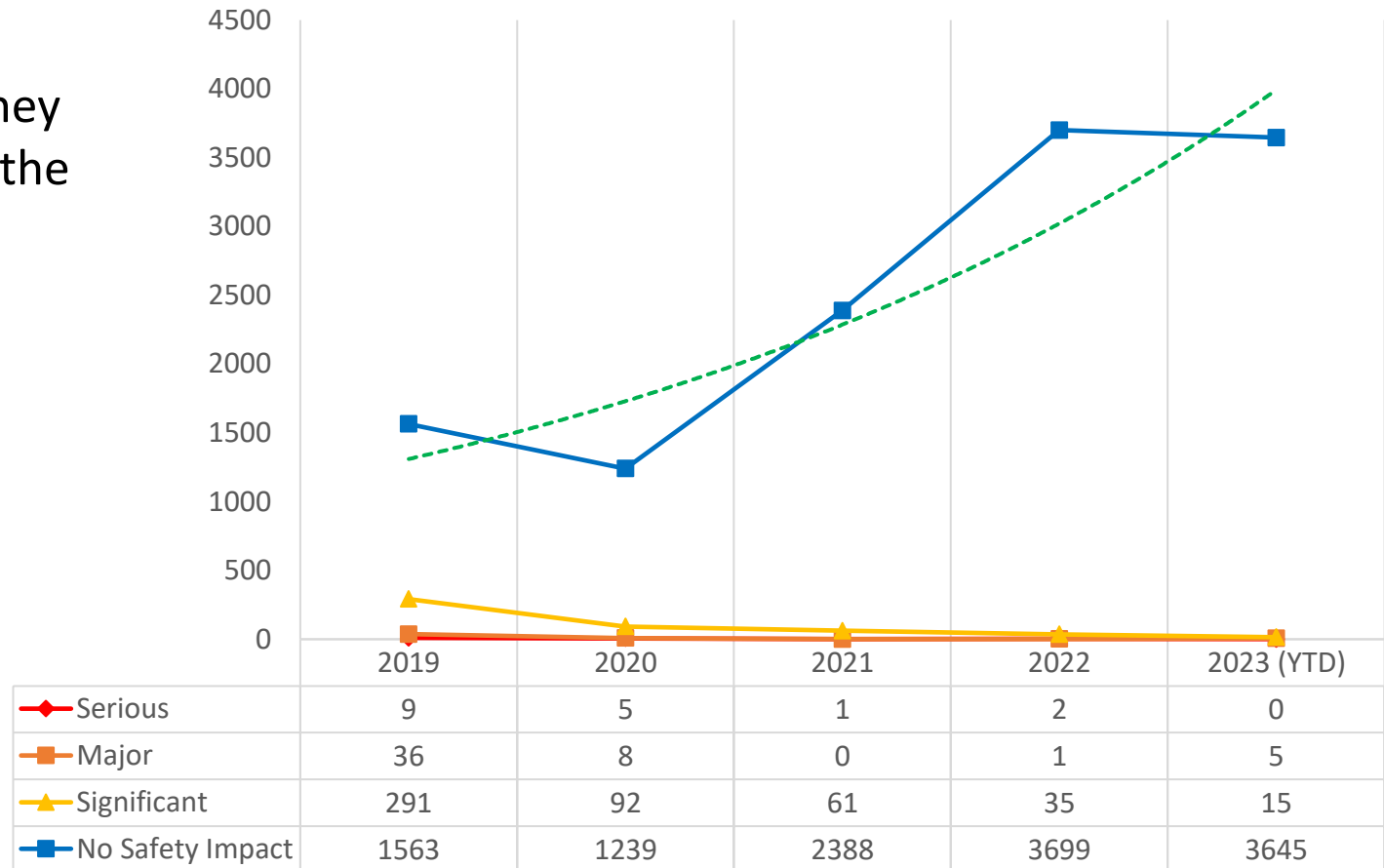
SANS has successfully achieved exceptional control over all safety occurrences, ensuring they remain within **acceptable** levels as defined by the established Safety Performance Targets (SPTs) and alerting levels.
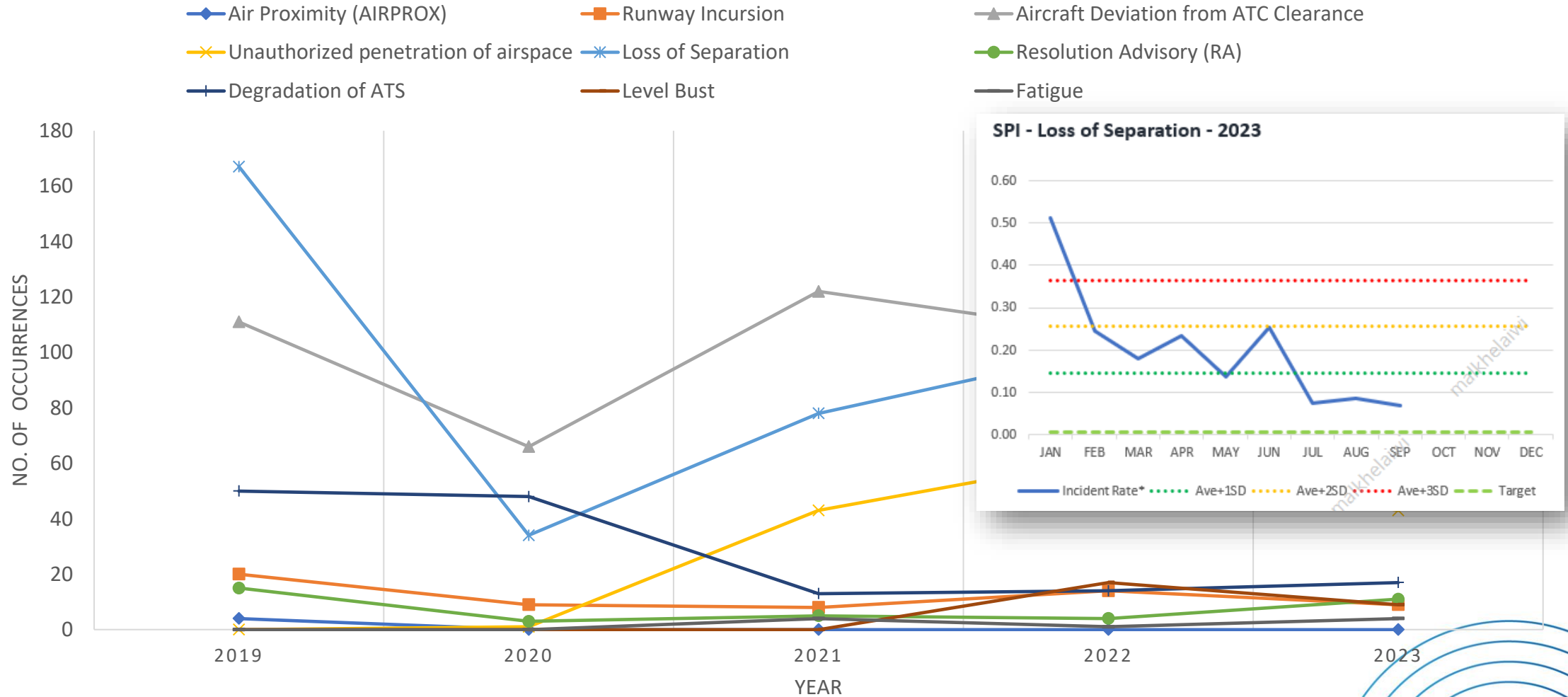
OCRS BY SEVERITY

	2019	2020	2021	2022	2023 (YTD)
Serious	9	5	1	2	0
Major	36	8	0	1	5
Significant	291	92	61	35	15
No Safety Impact	1563	1239	2388	3699	3645

Driving Down Upwards Incidents

Supporting Organizational Decision Making

As part of SANS's unwavering commitment to safety, the organization regularly convenes its monthly **Safety Steering Committee** meetings.

SANS has made several crucial decisions to enhance safety and operational efficiency, for example;

- to introduce ASMGCS;
- to Integrate Weather Radars with the SANS ATM System;
- Activation of Jeddah West Tower
- Upgrading Alahsa ATS from AFIS to ATC.
- Supporting ATSUs with extra layers of redundancy of power sources.

THANK YOU