

Johor Port Authority (Port Security Digital Apps Empowerment)

The changes start now.



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01 INTRODUCTION

Innovation is crucial for organizational success, enabling the practical implementation of ideas to introduce new products or services and enhance existing ones. The Johor Port Authority (JPA) internal expertise developed My Crisis Room, a vital tool for organizations to stay competitive in today's dynamic landscape. My Crisis Room consists of four sub-applications: My Operation Command Centre (MyOCC), My Maritime Security Report (MyMTRpt), My ISPS Audit (MyISPSAudit), and My Shift (MyShift), covering all security operations.

My Operation Command Centre (MyOCC) enhances crisis management by digitizing processes, replacing cumbersome paperwork, thus improving efficiency and accuracy. My Maritime Security Report (MyMTRpt) transitions from traditional paper-based reporting to a digital platform, reducing reporting time and improving communication during crises. My ISPS Audit (MyISPSAudit) streamlines auditing, enhancing transparency, accountability, and efficiency. Its features include audit planning, execution, document management, risk assessment, data analysis, reporting, and follow-up, ensuring compliance with regulatory standards. My Shift (MyShift) revolutionizes work scheduling and task coordination, optimizing daily operations.

02 OBJECTIVE

The objectives of My Crisis Room are to streamline crisis management processes, improve efficiency and responsiveness, enhance crisis preparedness through drills and exercises, and establish MyOCC as an innovative tool for crisis resolution, demonstrating JPA's leadership in technological advancement. Achievements include the successful development and implementation of MyOCC, improved crisis reporting, facilitation of yearly drills, effective crisis task management, implementation of MyMTRpt, successful integration of MyISPSAudit, and adoption of MyShift.

03 TYPE OF MOBILE APPLICATION



MyMTSRpt



MyOCC



MyISPSAUDIT



MyShift

04 APPS DESCRIPTION

MyMTSRpt (My Maritime Transport Security Report)



A transitioned from traditional paper-based reporting to a streamlined digital platform for reporting, enhancing efficiency and accessibility.

These new reporting system significantly reduces the time it takes to relay crucial information, ensuring swift communication and response. With updated reporting process, the gap between incident occurrence and report completion has been markedly reduced, enabling quicker analysis and action.

04 APPS DESCRIPTION



MyOCC (My Operation Command Centre)

In the past, managing crises was a tedious process involving 12 different forms, prone to errors and manual submissions. Now, with digitalization, these 12 forms have merged into one digital form, enhancing efficiency and accuracy. This single form represents a shift from paperwork to agile crisis management, showcasing the transformative impact of digital innovation.

Crisis Management Form Format.

1. Format Laporan kejadian krisis
2. Lamp 1: Format berita kejadian ketua pengawal
3. Lamp 2: Format berita kejadian kawalan lapangan
4. Lamp 2A: Format berita kejadian kawalan lapangan Bilik Gerakan Pusat/Facility's
5. Lamp 2B: Format berita kejadian kawalan lapangan Onseen Command
6. Lamp 2C: Format berita kejadian kawalan lapangan responder.
7. Lamp 3: Format Log Book kejadian
8. Lamp 4: Format bantuan sumber dalaman jabatan
9. Lamp 5: Format bantuan sumber agensi bantuan luar.
10. Lamp 6: Format suspek kejadian
11. Lamp 7: Format kerosakan/mangsa kejadian
12. Lamp 9: Format security incident report

04 APPS DESCRIPTION

MyISPSAUDIT (My ISPS Audit)



The audit application platform streamlines and enhances the auditing process. It includes features for audit planning, execution, document management, risk assessment, data analysis, reporting, and follow-up. Overall, it aims to enhance transparency, accountability, and efficiency in the audit process, enabling organizations to meet regulatory requirements and drive operational excellence.

04 APPS DESCRIPTION



MyShift

Our innovative work scheduling platform synchronizes seamlessly with daily tasks, revolutionizing traditional duty roster systems focused solely on location-based assignments.

05 DIGITALIZATION BENEFITS

The transition to digital processes and systems offers numerous benefits compared to traditional methods, including increased efficiency, reduced costs, improved accessibility, enhanced capacity for data analysis, scalability, and enhanced user experience. Embracing digitalization has enabled organizations to streamline their workflows and boost productivity through cost-efficient and effective approaches. Moreover, digitalization has empowered teams to analyze vast amounts of data in real time, empowering them to make informed, data-driven decisions. The convenience and accessibility afforded by digital tools have also enriched the working process, providing seamless access to services whenever needed. Consequently, integrating digitalization into the working process has become increasingly vital for organizations aiming to maintain a competitive edge in today's dynamic environment.

06 CONVENTIONAL vs DIGITALIZATION

Conventional	Digitalization
Time Waste In Reporting	Real time reporting
Written Information Delay Long Time To Relay Information	Real time reporting
Suspicion & Admissibility Of Patrolling Report	Real time reporting
Unable To Identify Position or location of incident	Location of the incident can be detect through pin location by the system
12 Different forms used for Crisis Management	01 Digitize Forms replaced 12 forms
Physical Operation Room	Virtual Operation Room

07 BENEFITS

Real Time Reporting Process

Reduce long process of normal reporting



Internet-of-Things Tech.

IoT framework delivering real-time data transfer

Easy to identify

Easy to identify and conduct S&R (search and rescue) towards the personnel in the event of an incident



Easy to Use

UI is designed such that it is simple and easy to use

Simple analytic

Dashboard provide simple data-analytic such as total weight, performance, etc.



Automatic Location Identification

Using geofencing technology.

Paperless

To have greener and friendly technology



Online / Offline Support

Support offline operation

Full report

Accuracy on the full reports



User Management

Provide user management



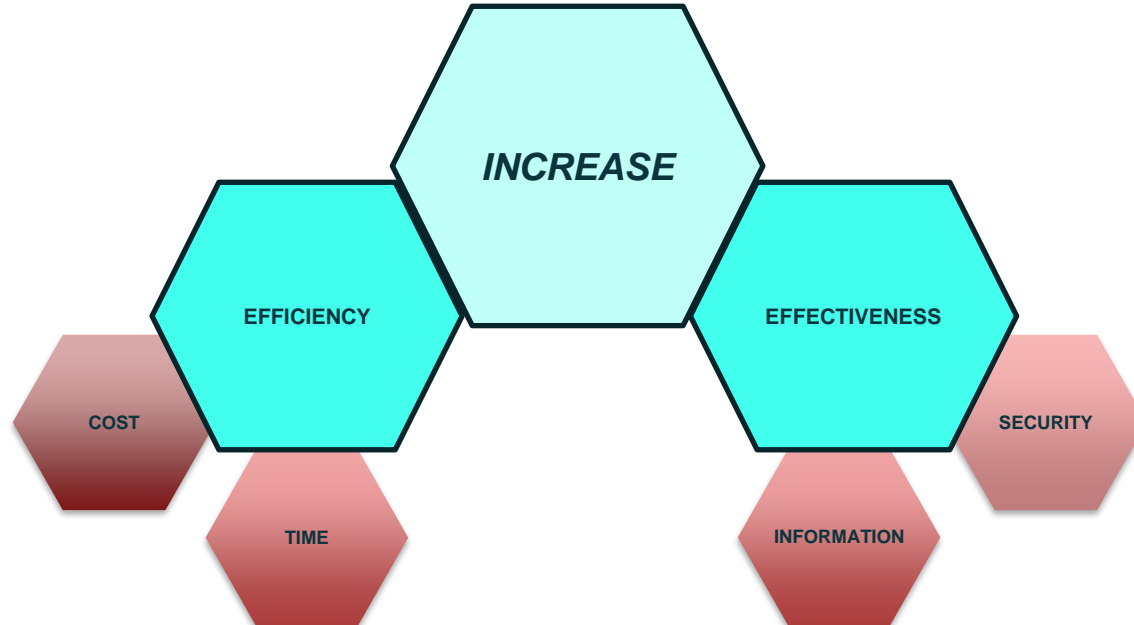
Job Details

Information on the job that was done

MATURITY MODEL FOR CORP SECURITY

By having the mobile apps in place, security & safety would be able to achieve its objective both in

Efficiency & Effectiveness.



THINGS TO REMEMBER

01	02	03	04	05	06
Accuracy on the full reports	Real-time reporting process (Reduce long process of normal reporting)	To have greener and friendly technology (Paperless)	Easier handling with smaller device No need to purchase another Security Gadgets	Easy to identify and conduct S&R (search and rescue) towards the personnel in the event of an incident	Easy access on the patrolling records (Audit & Analytic)

THANKS!

