

Introduction

The Definition

Occupational health and safety (OHS - also known as EHS, SHE) is a cross-disciplinary function concerned with the safety, health and welfare of people engaged in work or employment. The goal of all OHS programs is to encourage and ensure a safe work environment. In addition, it should protect co-workers, family members, employers, customers, suppliers, nearby communities, and other members of the public who are impacted by the work environment. Ax OHS was developed by Axnosis and covers amongst others:

- Isolations
- Risk identification
- PPE management
- Work related injuries
- Scheduled inspections
- Tag out/lock out procedures
- Safety plans and safety equipment
- Work permits (clearance certificates)
- Incident and complaints management
- Job and tasks management with checklists
- Employees/contractors valid permits and licenses

In essence OHS facilitates safer work in that it formally identifies safety risks, hazards, precautions and more. OHS also provide mitigating factors to help organizations to be more pro-active in their safety policies. Policies are made visible, pro-active alerts ensure predicative actions and scheduled inspection aids compliance.

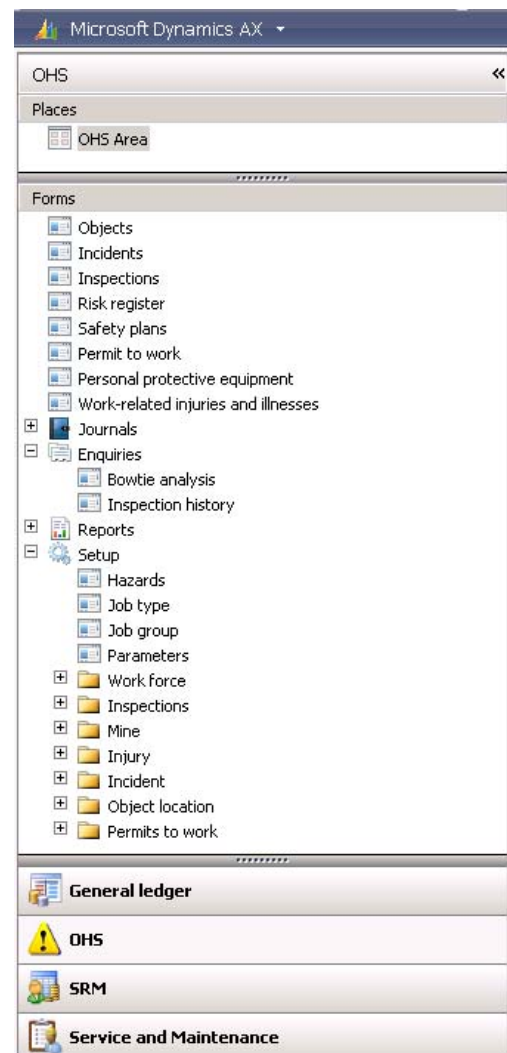
The Dilemma

Organizations are under pressure to address issues relating to Safety, Health and Environment. This includes addressing harsh working environments, legislative compliance, industry pressures from standards organisations (such as AMIRA, SIA, ISO and NOSA), pressure from communities, workers, customers and shareholders.

The above issues are compounded by people working longer and remaining in the workforce, employers must address the OHS problems this trend presents.

The Dividends

Organizations can benefit from a formal OHS system and an integrated approach to managing risk and compliance issues by implementing formal business processes and centralizing the collection of OHS data. Operations and processes must become more transparent. Practices and processes must become harmonized across departments, regions, and legal entities – which will lead to reduced costs of compliance. An integrated (OHS is extended and part of maintenance, stores, procurement, HR modules it uses the same ERP workflow inbox etc.) OHS solution reduces reaction time between reported incidents and corrective actions.



Instruction

The Dynamics

The OHS module in Microsoft Dynamics Ax is fully part of; and integrated into the rest of the Dynamics Ax application.

It includes a flexible **asset register** (shared by the plant maintenance module - SAM) and is easily set up to reflect industry specific plant breakdown structure.

Ax OHS provides an **incident management** sub module. The system is user definable and is configured to meet your exact requirements. The single database approach allows users to effectively manage any type of incident – safety, health, environment, quality, production and security.

It includes a **task/activity manager** for management of OHS related tasks.

Tools to schedule, execute and manage **inspection** are provided.

Functionality exists to help manage **PPE** inventory.

In addition the **permits to work** sub module exist through which permits (clearances) are recorded, authorized, issued and subsequently filed.

Finally Ax OHS includes **work related injuries and illnesses** sub module to record, analyze these health related information and to provide statistical information to management and external organizations.

Finally Ax OHS supports a **risk management** module; it includes Bowtie analysis and a formal risk register.

This Ax OHS module with the rest of Dynamics Ax gives users the ability to use one system across the enterprise. With GL friendly data from source systems and near real time information that is pro-actively communicated to all stakeholders.

The Differentiator

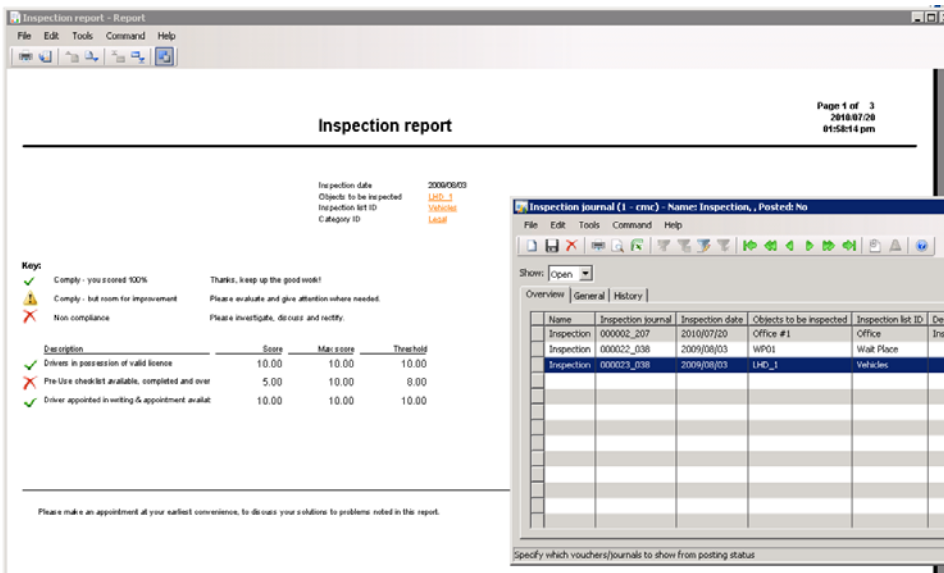
Some of the operational solutions in the market takes pride in their functions and features at the expense of integrated information.

Most, if not all of these, have separate and stand alone modules for inventory (including WIP) valuations (ERP), mass balance calculations, sampling, plant maintenance (SAM) and more. The objective of these vendors is to have these modules integrated but in reality they are not.

Dynamics Ax with the Axnosis OHS supports the best of breed features and above all *does not* separate the ERP, EAM (CMMS) and safety disciplines. The same inventory master file is used for all these functions. The same user interface exists across the disciplines. Add to this the Microsoft technology with trusted, scalable and robust platforms and you have a compelling and very cost effective solution.

Dynamics Ax has compelling integrated functionality designed for capital and people intensive industries and includes amongst others:

- Supplier Relationship Management
- Service & Asset Maintenance
- Supply Chain Management
- Financial Management
- Project Management
- LIMS
- Etc.



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Dynamics Ax OHS is an Axnosis (Pty) Ltd product and part of the Axnosis MMP solution MMP includes: SRM, PAM & SAM