



SAFETY FOR SITE

YOUR HSE SOLUTION

AN INNOVATIVE APPROACH TO HEALTH &

Bantrel **Safety for Site** program provides accurate, comprehensive, and innovative HSE solutions to assist clients with performing work in a safe, efficient, and cost-effective manner. Real time access to all HSE needs from one source of truth, with data proven success for many of our clients.

Safety for Site is developed in MS Power Apps and ensures the reduction of data duplication and loss as well as reduces the need for administrative support. **Safety for Site** enforces compliance and provides quick and effective results that are compatible with already existing processes.



BANTREL

SAFETY FOR SITE

HSE SERVICES



INDUSTRY LEADING SAFETY EXPERTISE

Bantrel HSE is an industry leader in safety expertise and provides clients with safe and environmentally conscious execution that results in industry leading data.



PERSONALIZED EXPERIENCE

Our team is personally involved with each project and has a vested interest in ensuring that the work is performed with the protection of people, property and the environment at the forefront. Team members are selected through client collaboration and focuses on required skill sets for specific scopes of work and project needs.



REDUCE COSTS

Our experience in interpreting regulations assists clients in resolving orders or directives issued by various regulatory agencies. Our experience in WCB claims management in most Canadian provinces allows clients to minimize costs associated with claims.

HEALTH & SAFETY INNOVATIONS

Maximize Time Safety Personnel
Spend at the Workface 



Bantrel ConX™

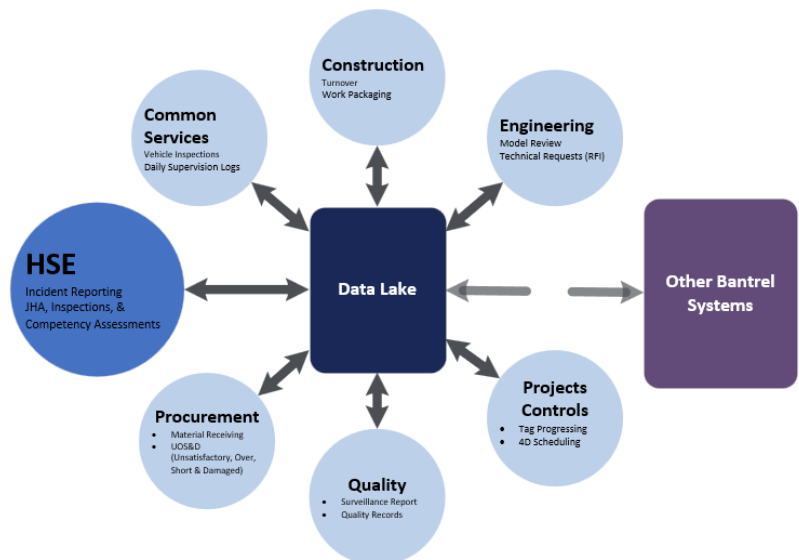
The HSE module in **Bantrel ConX™** allows users easy access to electronic forms, processes and relevant safety information to allow for safe and efficient completion of the work. The information can be accessed in the field, utilizing our **DataVault** and updated at the field level if required.

DataVault

- Incident reporting
- Near hit reporting
- Weekly project stats
- Hazard ID's
- Worksite inspections
- Field level risk assessment (FLRA)
- Job hazard assesment (JHA)

Benefits

- Reduce costs
- Improve permit request process
- Relay all safety information to all stakeholders in real-time
- Automated Power BI reporting allows HSE processes to be completed efficiently
- JHA's & pre-job meetings are completed and revised at the workface using the **DataVault**
- **DataVault** allows immediate access to subject matter experts as required to address issues that may arise at the workface



BEHAVIOUR

BASED MANAGEMENT & LOSS PREVENTION

Bantrel **people based** management process **minimizes or eliminates behaviours** that result in human error & loss

PEOPLE BASED MANAGEMENT TOOLS

In order to perform the job properly, Bantrel uses tools to identify existing or potential risks to safety, health, and the environment. Our behaviour based management process also identifies product quality, reliability, financial or business risk.

Jobsite Reviews Determine

- Strengths & areas for improvement
- How to integrate the program
- Success definition
- Communication strategies
- Required support
- Step-by-step procedures



People Benefits

- Self-awareness of deficiencies & limitations
- Informed view of risk & loss to people, time or product quality
- A better understanding of locating hazards & recognizing consequences
- Worker engagement & open communication
- Identification of warning signals related to tasks, equipment, & environment

Cost Benefits

- Cost savings
- Higher profitability
- Improved customer relations
- Customer satisfaction
- Competitive edge

HEALTH & SAFETY

MANAGEMENT



HEALTH & SAFETY MANAGEMENT SET-UP

A program is reviewed at the start of project to determine the HSE focus. An HSE execution plan is written based on the review. Set-up includes the review and upload of HSE procedures or programs to Avetta and ISNetworld as required.



TRAINING RESOURCES

Bantrel has the resources to develop and implement a training database that tracks all required training for specific clients and provides notifications when re-certifications are required. Bantrel monitors and schedules training as required.



EMERGENCY RESPONSE

A hazard assessment will be conducted at the beginning of each project to determine the risks associated with the project as well as those associated to specific scopes of work. The risk assessment is used to develop an emergency preparedness and response plan that would include:

- The structure of the incident command team
- Potential emergencies that may occur during the duration of a project
- Roles and responsibilities in an emergency
- Training for all



HAZARD OR RISK ASSESSMENTS

Job Hazard Assessments (JHAs) identify potentially hazardous activities, conditions or exposures in the scope of work for specific tasks. Having the JHAs developed and available in the field through an iPad contributes to ensuring the job is completed safely and in a more efficient manner allowing the workforce and supervision to review and make revisions to the JHA at the workplace. This process also allows the construction management team easy access to changes that are made in the field.



SAFETY COMMITTEE SUPPORT

Bantrel HSE provides the resources required to develop and implement your joint health and safety committee, supporting clients with meetings and building a nurturing an over-riding health, safety and environmentally friendly culture.



WORKPLACE SAFETY INSPECTIONS

Bantrel offers a wide variety of selection for electronic and mobile inspections that may include equipment inspections, job or trade specific focused inspections, weekly management inspections and monthly site-wide inspections. These are tailored to the specified work scope and scheduled on a risk basis. The detail and schedule is incorporated with full collaboration between the client and Bantrel construction management teams.

WORKFORCE MANAGEMENT

Bantrel **Workforce Management** System features:

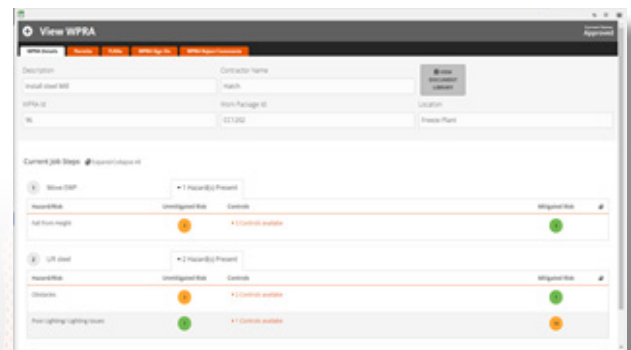
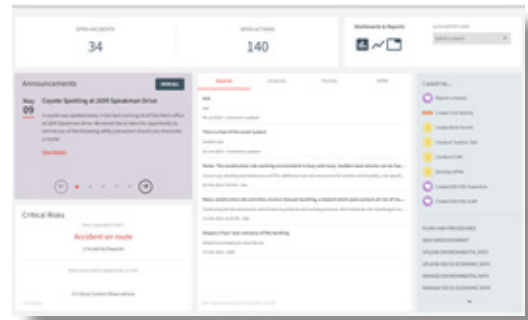
Worker Registration & On-boarding is managed and completed prior to going to site. Onboarding is developed to meet client needs, specific to the site and the scope of work.

Training & Certification Management addresses the training required for the scope of work. All training records are electronically stored and managed to ensure up-to-date certifications with notifications when re-certification is due.

Site Security Access & Control provides the resources required to ensure all site security access is managed and maintained from start to close of the project.

HSE Reports & Dashboards allow for quick and easy access by the client at anytime.

Field Work Packages that include all HSE requirements are easily updated at the field level available to a subject matter expert in real time for consultation and input.



AUDITING & ASSESSMENT PERSONNEL

Bantrel commits to providing the highest professional auditing and assessment personnel. Bantrel is knowledgeable on legislation from the Canadian Centre of Occupational Health and Safety, and provincial legislation including; the Alberta Occupation Health & Safety, WorkSafeBC, the Saskatchewan Occupational Health & Safety, and the Ontario Ministry of Labour.

Familiar with the Alberta Construction Safety Association (ACSA), the British Columbia and Construction Safety Association (BCCSA), and the Certificate of Recognition (COR) certification. Bantrel's audit process ensures full collaboration with the client and all employees from start to finish.

HEALTH, SAFETY & ENVIRONMENT COMPLIANCE

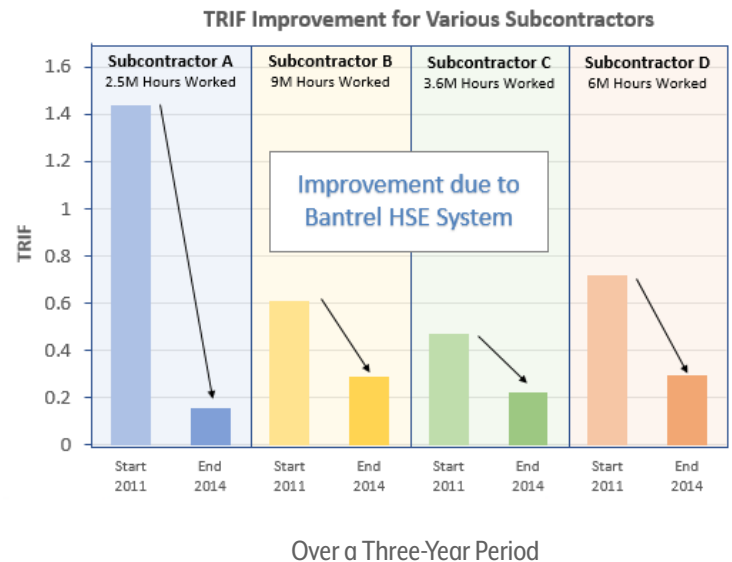
Bantrel **simplifies** the audit process with HSE compliance **reviews & recommendations**

COMPLIANCE REVIEW PROCESS

The compliance review process is electronic and available to the client in real-time. A baseline score is developed on the initial review for each subcontractor. The baseline score is applied to a compliance register with action plans created based on the areas need for improvement.

Process Includes:

- HSE commitment
- Risk management
- Permitting process
- Strategic planning, goals & objectives
- Structure & responsibilities
- Journey management & vehicle safety
- Scope specific
- Management of change
- Communication
- Document control & records
- Measuring & monitoring
- Inspections & audits
- Environmental
- Awareness, training & competency
- Non-conformance, investigation & corrective action
- Subcontractor selection, evaluation & monitoring
- Industrial hygiene



Benefits

- Prepared for external audits & OHS compliance
- Minimizes time & costs related to external audits
- Follow up actions are managed by Bantrel HSE
- All reports & findings are available in a timely manner for input



ENVIRONMENTAL REGULATORY



ENVIRONMENTAL ASSESSMENT (EA)

The EA is generally started in very early project planning stages and can take 1- 3 years to complete, depending on the complexity of the project. Bantrel manages and coordinates the site environmental assessment to assist the client in obtaining the project environmental assessment certificate.

This involves many environmental studies by discipline environmental technicians who are overseen by a qualified environmental professional (wildlife biologists, archeologists). This also includes numerous modelling activities (air, noise).

Engineering is involved during this stage by providing design concepts and pre-FEED drawings, basis of design, data sheets, noise modelling, and emissions modelling.



MITIGATION

For all EA's the client must establish mitigation measures (client commitments) for each area of risk or study. Bantrel has the practical field experience to perform EA studies and generate the reports to ensure the best recommendations for mitigation. If the client does decide to complete the EA themselves Bantrel assists with reviewing the studies and reports we provide input into the recommended mitigation measures prior to submitting the final report to the government.



PERMITTING

Permitting will start very early in the project planning process with the EA and other major permits and continue based on the schedule.

Bantrel is experienced in conducting the following permitting services:

- Identifying the operational, engineering, construction and environmental permits required to execute construction and operate the facility
- Prepare permitting packages – this will vary depending on the type of permit but generally includes; application, description of the activities/operation, background data, methodologies, engineering design, basis of design, and vendor data
- Regulator engagement
- First Nations consultation & engagement
- Developing permitting flow-downs to construction & operations
- Establishing a compliance database



PERMITTING SUPPORT

Bantrel provides support in identifying applicable regulatory permits as well as any impacts to existing permits in the event there are design deviations and or changes in construction methodologies.



ENVIRONMENTAL

REGULATORY COMPLIANCE

Reducing your
environmental footprint

CONSTRUCTION ENVIRONMENTAL

We develop and deliver a high-level summary and introduction to risks and preventative measures for the key environmental topics associated with the project. This will also include environmental management strategies for planning, implementation, monitoring and continuous improvements.

Planning Includes:

- Hazard & risk management
- Wildlife protection
- Waste management
- Spill prevention
- Archeological & heritage resources
- Surface water management
- Erosion & sediment control
- Storm water management
- Environmental emergency response
- Air quality
- Noise quality
- Invasive plants
- Vegetation & soil
- Marine activities



Environmental Assessment Compliance

Bantrel conducts environment and regulatory compliance audits to verify during construction or operations that the permit conditions and mitigations are being complied with. In the event of a significant regulatory non-compliance we offer third-party investigations.