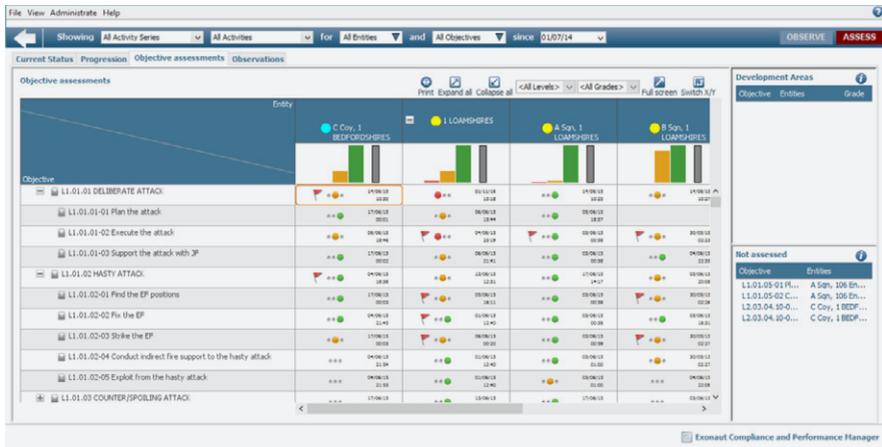


# TRAINING PROGRESSION MANAGEMENT

## REQUIREMENT

Training multiple units concurrently at distributed training sites across the Live, Virtual and Constructive domains requires a system to organise the progression effectively and efficiently. Multiple objectives must be achieved over various training events, often with scant resources. The ability for Training Audiences, Training Deliverers and the Chain of Command to track progression through training events is critical to ensuring the timely and cost-effective production of capability. Professionally trained individual soldiers form the building blocks of Collective Capability. The ability to track the progression of a force from individual to a collectively trained body gives the greatest picture of training readiness.



## SOLUTION

Exonaut enables Training Audiences, Training Deliverers and the Chain of Command to track progress against Evaluation Criteria through a training event series. Regardless of whether the Training Audience is an individual soldier or a fully formed Division, Exonaut enables performance to be readily assessed through objective observation against specified Training Objectives. Weak performance can be quickly identified and addressed before the end of training events. Strong performance and best practice can be recorded. Resources can be dynamically and accurately focussed where they are most required.



## BENEFITS

Exonaut Delivers:

- Savings – Time in planning, design, delivery and analysis.
- Savings – Time in production of reports and exploitation of best practice and lessons learned.
- Savings – More effective use of scarce resource in a managed progression.
- Coherence – Single set of objectives facilitating Command direction.
- Coherence – Common standard of objective performance measurement.
- Coherence – Single version of data and information sets.
- Transparency – Real time, objective view of Training Risk and Readiness.
- Evidence – With which to make informed decisions.
- Exploitable Data – For Lessons, Learning and Capability Development etc.

# RISK TRACKING & ASSURANCE

## REQUIREMENT

The clear identification and management of training risk is crucial in developing world class military capability. Evidence of performance against training objectives, combined with clear reporting of training delivery gaps, builds the full picture of a force's readiness. Demands to provide an evidence chain of this performance to external authorities also drives the need to present this information in a simple, auditable format.



## SOLUTION

Exonaut provides a clear, concise audit trail of training conducted and, often crucially, not conducted. Risks can be readily identified by Training Deliverers, the Chain of Command and Training Audiences allowing full understanding of the risks carried within the organisation and also whether the requirement exists for re-allocation of resources to mitigate risk or re-train a force.

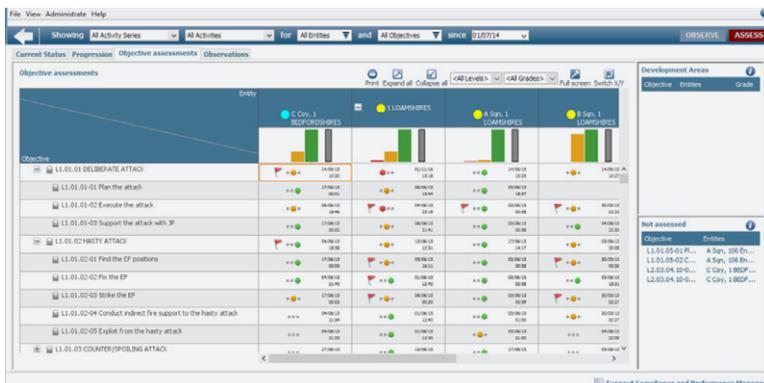
Exonaut is also a risk management platform that allows end to end risk management to be conducted by dispersed users collaboratively and ensures a single version of truth risk picture. Following the ISO 31000 methodology Exonaut enables users to set up Risk



# EVALUATION & CERTIFICATION

## REQUIREMENT

In order to provide a transparent view of a Headquarters' or Force Element's readiness for operations or to demonstrate they are ready for higher levels of collective or joint training, nations and supra national bodies, such as NATO, require evidence of performance gathered through an evaluation mechanism that is based on agreed standards resulting in a certification process. In an ideal world, only objective evidence would be used in evaluations. However, this is widely recognised as impractical and assessments are more often a blend of objective and subjective evidence and the context added by an experienced senior observer supported by handrails such as 'checks for trainers' for more junior observers.

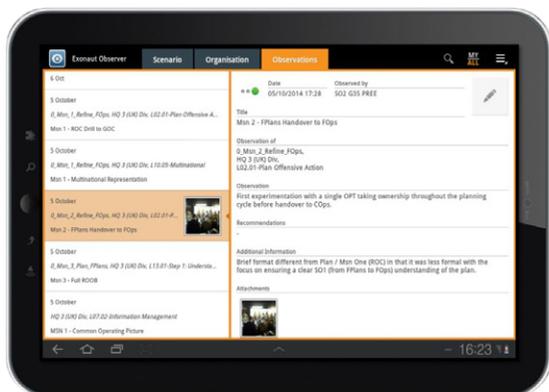


## SOLUTION

Evaluation Objectives can be mapped, observed, assessed and tracked in the Exonaut Observer and Progression Management tool software. Evaluations can be planned in detail and evaluation objectives can be matched to the training event best suited to demonstrate that desired competence. The objective evidence gained, measured against the agreed standards, gives a real time view of a Headquarters' or Force Element's performance and progression towards certification. Areas of shortfall are highlighted

and those areas not addressed by the evaluation clearly shown. Reports generated by the system can present the Chain of Command with the evidence they require to make operational readiness decisions. Exonaut is fully compliant with NATO evaluation systems such as CREVAL and OCE.

Where the security and network situations allow, observations and assessments can be carried out on Exonaut mobile Observer platforms so increasing the flexibility, agility and reach of the solution and enabling observation activity across the entire LVC spectrum.



## BENEFITS

Exonaut Delivers:

- Savings – Time in planning, design, delivery and analysis.
- Savings – Time in production of reports and exploitation of best practice and lessons learned.
- Savings – More effective use of scarce resource in a managed progression.
- Coherence – Single set of objectives facilitating Command direction.
- Coherence – Common standard of objective performance measurement.
- Coherence – Single version of data and information sets.
- Transparency – Real time, objective view of Training Risk and Readiness.
- Evidence – With which to make informed decisions.
- Exploitable Data – For Lessons, Learning and Capability Development etc.
- Mobility – Data readily at hand on mobile devices.

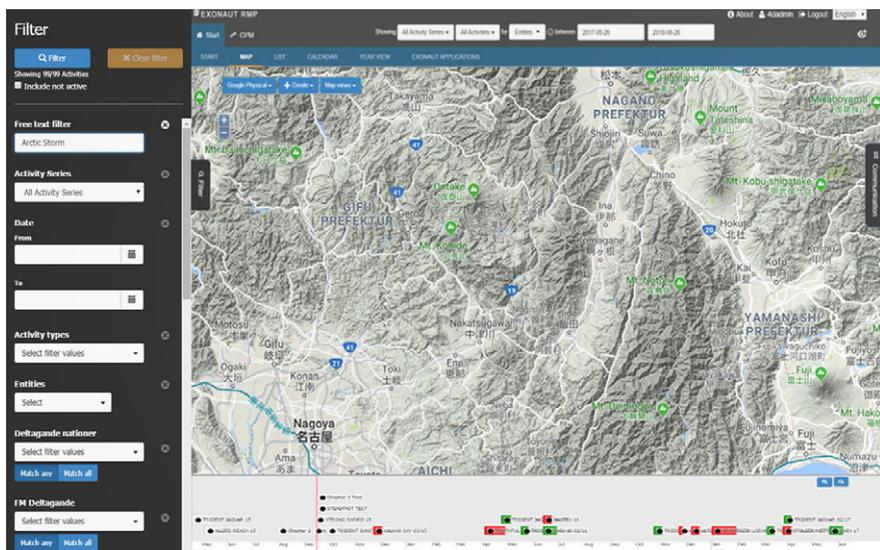
4CSTRATEGIES.COM

For more information, please contact:  
info@4cstrategies.com

# COMMAND & CONTROL

## REQUIREMENT

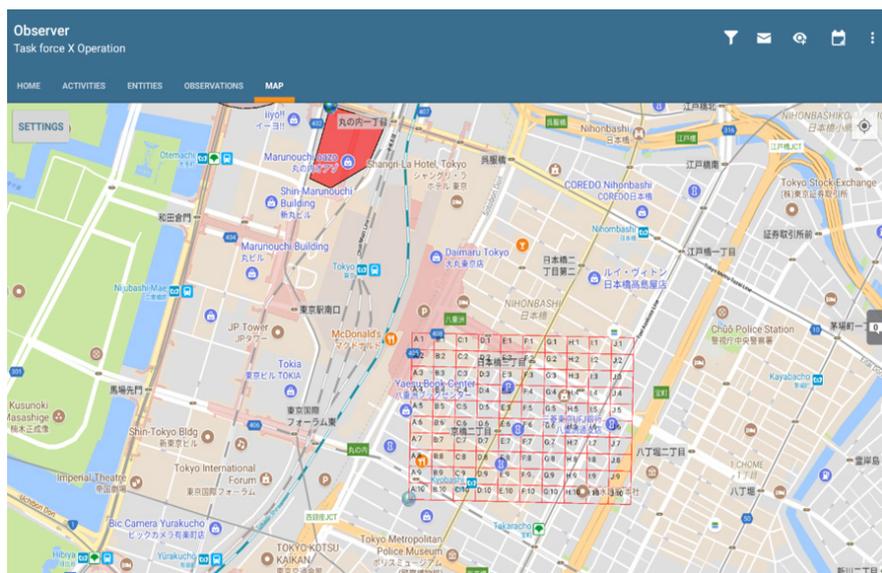
In all military activities, whether operations or training, just-in-time information, a common operational picture and reliable communications are crucial for achieving the set objectives. Because reality changes rapidly, C2 systems need not only live, robust and reliable connections between command centres and field operators, but also a flexible approach to meet ever changing demands.



## SOLUTION

Through the Exonaut Command Centre, mission and activity critical information is sent to field operators using the Exonaut Observer Application hosted on phones and tablets. Information can be streamed straight from other systems through integration or can be managed by Exonaut operators. All information is visualised, for instance in user friendly maps, libraries and dynamic lists that can be configured according to current demands. This gives the field operators the necessary information just-in-time and shortens the time from plan to action.

Exonaut Observer also provides a navigation tool to faster direct vehicles to the scene and a positioning tool to provide live status of every resource in the activity. This information is also visualised in the Exonaut Command Centre to provide situational awareness which is enhanced by the ability to send pictures, videos and text messages from the field. All of the data relating to an activity is stored, enabling evidence based after action reviews and providing the tools to develop organisational capability based on facts and real events.



4CSTRATEGIES.COM

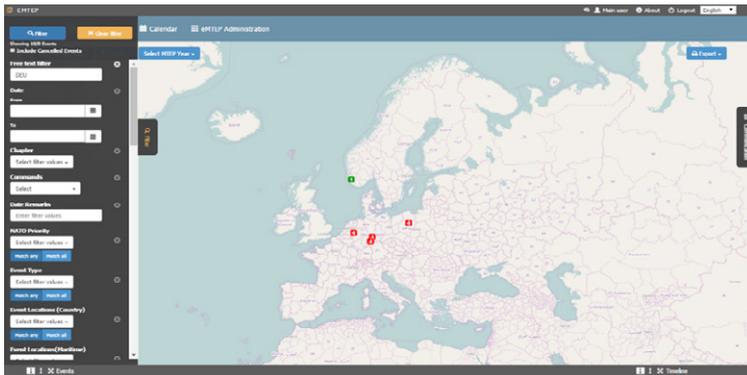
For more information, please contact:  
info@4cstrategies.com

# PLANNING & PROGRAMMING TRAINING

## REQUIREMENT

The contemporary nature of crisis management and conflict resolution set against the backdrop of significant resource constraint requires a transparent, cohesive and consistent training and exercise planning and management system which provides the ability to connect Nations, Partners and their forces. All are required to make best use of scarce resource, exploiting training synergies where possible, in order to audit, track, and visualise levels of readiness and the training risk they carry.

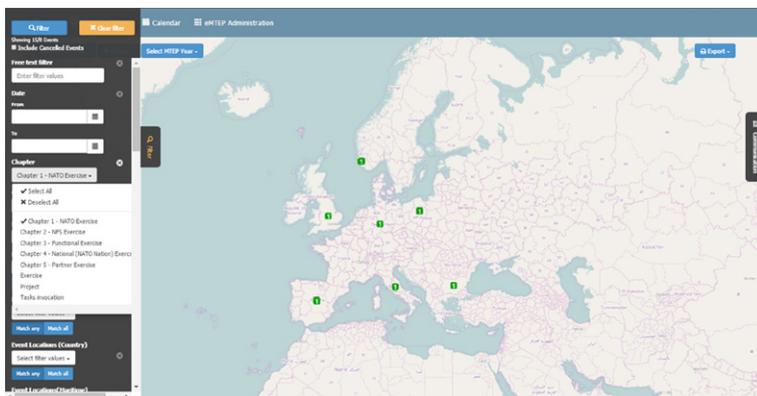
There is a requirement for a simple, integrated tool that facilitates a high degree of data assurance, supports distributed working and delivers a common interface supporting multiple views. In addition a high level of user configurability and a simple export functionality to support senior level briefings are key characteristics.



## SOLUTION

As an integral part of the highly configurable Exonaut suite, the Planning and Programming solution (RMP) is an agile and user friendly collaborative tool that enables authorised users to dynamically schedule exercises and related activities online through a common interface and in real time. Advanced filtering functions generate user-definable views of, amongst others, exercises and activities, exercise aims and objectives, locations, participating formations and units, key resources and support staff.

These fields can also be used to generate reports and other visualisation tools. The solution a transparent view of the exercise planning process through information sharing, ensuring the right information is made available to the right users at all times. This produces a powerful planning, scheduling and synchronisation tool that is simple to use, facilitates dynamic planning, is available over the internet.



## BENEFITS

Exonaut Delivers:

- Savings – Time in planning, design, delivery and analysis.
- Savings – Time in production of reports and exploitation of best practice and lessons learned.
- Savings – More effective use of scarce resource in a managed progression.
- Coherence – Single set of objectives facilitating Command direction.
- Coherence – Common standard of objective performance measurement .
- Coherence – Single version of data and information sets.
- Transparency – Real time, objective view of Training Risk and Readiness.
- Evidence – With which to make informed decisions.

[4CSTRATEGIES.COM](http://4CSTRATEGIES.COM)

For more information, please contact:  
[info@4cstrategies.com](mailto:info@4cstrategies.com)

# EXPERIMENTATION

## REQUIREMENT

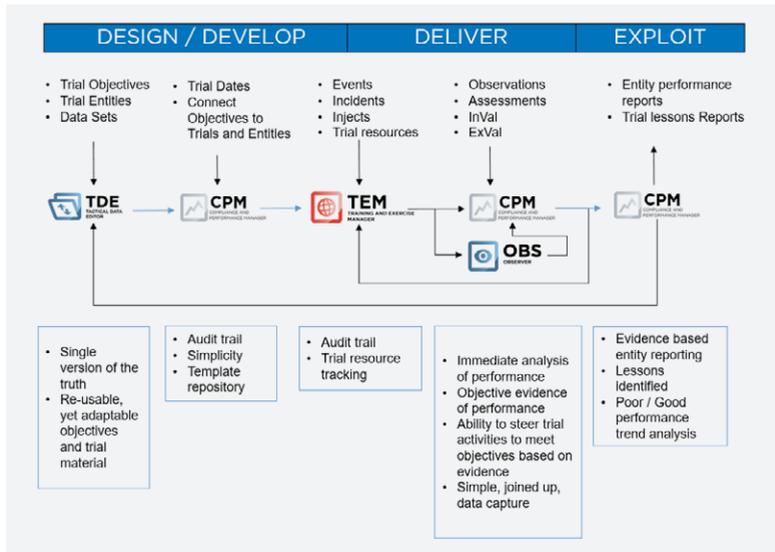
Experimentation is a key element of capability development and to be of value, auditable and objective evidence must be gathered against the experimental objectives and data captured for subsequent analysis. A core requirement of any experimentation, be it with new equipment, new tactics or even new force types is a coherent and assured system with which to support the design and delivery of trial and experimentation activity, and the collection and exploitation of objective and subjective data.



## SOLUTION

Exonaut offers an integrated trial and experimentation management system. Experimental question sets and objectives can be mapped in the system to the activities most suited to analysing the hypothesis or objective. Objective and subjective evidence, all time/date and geographically stamped, can be recorded and collected into the system in real time; including supporting audio and visual material or user questionnaires. This can range

from general lessons or specific data requirements. This wealth of collected data can be analysed to inform the subsequent conduct of activities and/or generate user defined outputs e.g. product and trial reports; all underpinned with supporting evidence.



## BENEFITS

Exonaut Delivers:

- Savings – Time in planning, design, delivery and analysis.
- Savings – Time in production of reports and exploitation of best practice and lessons learned.
- Savings – More effective use of scarce resource in a managed progression.
- Coherence – Single trail set of objectives facilitating Command direction.
- Coherence – Common standard of objective performance measurement.
- Coherence – Single version of data and information sets.
- Transparency – Real time, objective view of Training Risk and Readiness.
- Evidence – With which to make informed decisions.
- Exploitable Data – For Lessons, Learning and Capability Development etc.
- Mobility – Data readily at hand on mobile devices.