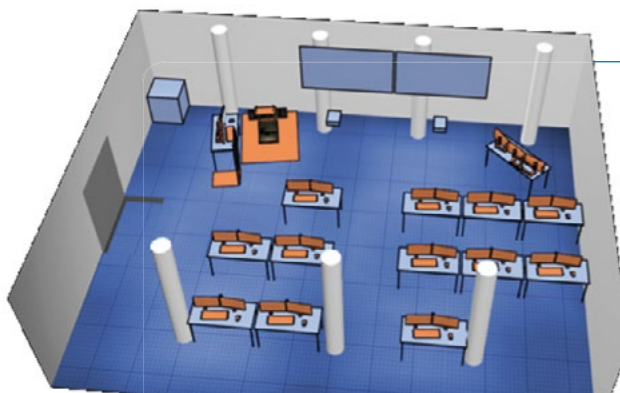


HIGH-LEVEL ARCHITECTURE AND OFFER MODULES



CLASSROOM ORGANISATION

CLASSROOM IS ORGANISED AROUND THREE COMPONENTS

- One (1) instructor workstation (3 screens/2 projectors)
- Up to Twelve (12) trainee workstations (2 screens) all connected with the instructor workstation
- One (1) 3D cockpit workstation

COUGAR ^{modernized} VIRTUAL MAINTENANCE TRAINER ^{product}



Significantly accelerates the training process, rapidly transforms new recruits into high-performing mechanics and avoids real equipment risk of damage.

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KEY ADVANTAGES

OFF-THE-SHELF SOLUTION

- Realistic rendering for helicopter discovery before actual operations
- Intuitive manipulations for learning maintenance operations
- Powerful instructor monitoring module for trainee support and evaluation

SCALABILITY

- Open design to take into account a new helicopter from the same family (Caracal, Super Puma) into the VMT at reduced costs
- Fast and cost-effective visual production of new scenarios and validation
- Significant autonomy for the instructor to update/create new scenarios



TRAINING OBJECTIVES

- Component location
- Tools and ground services identification
- Maintenance procedures documentation follow-up (maintenance philosophy) without any additional help
- Sounds and alerts interpretation
- Diagnostic actions and trouble shooting application

TRAINEE SOFTWARE FEATURES

VIRTUAL ENVIRONMENT FOR MAINTENANCE TASKS TRAINING

- Interactive 3D view based on state-of-the-art high-fidelity 3D model for component location
- Direct access to tools, servicing or spare parts
- Direct access to the technical maintenance documentation

METHOD TO PERFORM MAINTENANCE ACTIONS VIRTUALLY

- Simple Action: click and select action from the list
- Tool use: drag & drop in 3D
- Visual/sound checking: specific mode for equipment selection and step validation
- Focus on knowledge acquisition through quiz and pedagogical application when relevant



INSTRUCTOR SOFTWARE FEATURES

TRAINING SESSION MANAGEMENT

- Trainee management with SCORM compliant LMS
- Initialization of trainee session according to 3D cockpit configuration
- Real time monitoring of each trainee's session progress
- Automated charts and progress computation and monitoring
- Common or individual debriefing capability
- Scenario creation and parametrisation of pedagogical approach

TRAINING CONTENT MANAGEMENT

- Advanced features for maintenance procedures updates and/or creation

