

Mangold Behavioral Research Lab at University of Harare, Zimbabwe



University of Zimbabwe
Department of Psychology
Mount Pleasant, Harare, Zimbabwe

Challenge

The challenge was to set up a multi-purpose portable Behavioral Research Lab at the University of Zimbabwe. The lab is the first of its kind in Zimbabwe and will be used for video based behavioral research on children and young adults. The University of Zimbabwe now has exceptional technology and can set a good example for other Universities on the African continent.

Research Topic

The lab is the first of its kind in Zimbabwe and is used for video based behavioral research on children. Studying child development from birth up to eight years of age provides knowledge about parenting, teaching and learning techniques, and also about health and nutrition issues. The findings are deeply rooted in the indigenous knowledge systems, hence their indisputable contribution to wealth creation.

Mangold Project Management

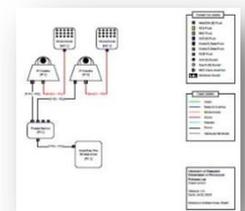
The rapid implementation of the project in collaboration with the African academics was remarkable. The lab was accomplished within only a 5 month time frame, despite all the Tender rules and Customs procedures.

Planning and Consulting

Mangold took full responsibility for Project- and Quality- Management which included all the offered products and services. The task could be optimally achieved in collaboration with the project managers at Zimbabwe University.

System Design

The Mangold procedure for lab projects is to create a full system design, label every technical system component, down to each single cable and connector. For this particular project the system design resulted in quality assurance checklists, shipment documents, technical documentation and acceptance protocols for final acceptance and function tests.



International Handling and Customs

Mangold purchased products from the following locations for this project: USA, Canada and Germany. Paperwork for International Customs and Shipments were all handled by Mangold. The export to Zimbabwe was a challenge involving an export license and custom declarations. However, Mangold International was able to successfully overcome this due to their many international business experiences.

On-Site Installation

A trained expert from Mangold flew on-site for the complete installation. The installation included inventory checks of all shipped items, unpacking, wiring, assembling of components, installation of software, and system configuration. The installation was quite easy due to the portable components.



Finally, the system was accepted by the client after following a very detailed acceptance protocol for each single workstation and system component.

Training

Mangold provided an intensive on-site training. The participants learned hands-on how to use the individual system components, such as audio and video equipment and Mangold Software Suites.



Quality Management

The acceptance protocol had been reviewed by the client at a very early stage of the project. This is a standard Mangold procedure in order for both parties to have the same understanding of the final goals and functionalities of the entire lab.

The Mangold ERP system keeps track of all items throughout the entire process, from purchase order to final installation. This assures a fast response time if any questions arise during the project phase or during maintenance.

Press Releases

The local University Journal "UZ Weekly" published a very interesting and detailed article about their new Research Lab. The Psychology Department is very proud and enthusiastic about the new equipment and the wide range of applications.



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