

PROFILE

Lucas Oluoch, HSC, MCSA, MCSE, CISM, is a Citizen of Kenya and Principal ICT Officer at Kenya Wildlife Service (www.kws.go.ke), a Kenyan Government State Corporation whose mandate is to conserve and manage Flora and Fauna for the well-being of Nature and People.

He leads the ICT Technical Support Team, manages the ICT Infrastructure and supports over 7000 Employees across the 47 Counties of the Republic of Kenya. Some of his key ICT Service achievements include and not limited to the following:

- i. Implementation of Earth Ranger Systems for monitoring Wildlife Safety against poachers, Wildlife Movements patterns to prevent Human Wildlife Conflicts with Communities residing along Wildlife Park corridors, hence saving Human Lives and Property.
- ii. Implementation of the KWS Pay Financial System within 60 Kenyan National Parks and Reserves to curb revenue fraud within and without, a process that contributed to high revenue earnings during the 2024/2025 Financial Year.
- iii. Implementation of Drone Technology, CCTV and Artificial Intelligence for Wildlife Research, Data Collection, Climate Change Statistics, Weather Patterns, and Real-Time Monitoring of Wildlife Movement, Securing Kenya Wildlife Service Property, and ensuring Safety and Security of Employees, Tourists, and providing accurate statistical data to Senior Management for critical decision making and Strategic oversight.

- iv. Implementation of Information Security Management Tools and ensuring all the Organization Data and ICT Systems Infrastructure is safe and secured against online attacks.
- v. Implementation of a robust, interactive, KWS Website (www.kws.go.ke) where secure online payments for wildlife park entry and accommodation transactions are made real-time by tourists, and plans are underway for virtual game viewing on the website.

He is a recipient of Head of State Commendation Award conferred by the President of Kenya for his distinguished ICT Service. He is Microsoft Most Valuable Professional Awardee conferred by the Microsoft Corporation Founder, Bill Gates, for his knowledge and expertise in using Microsoft Technologies to reduce Human Wildlife Conflicts and enhance Wildlife Economy in Kenya.

Other key dignitaries who have honored him for his technological prowess include the 44th President of the United States of America, President Barrack Obama, Chief Executive Officer of Kenya Wildlife Service, and Kenyan Tourism and Wildlife Minister.

He is an Alumni of Harvard University, MIT, University of Nairobi and a professional member in good standing of AfICTA, Microsoft Corporation, ISACA, Internet Society, ICT Association of Kenya and International Association of Computer Science and Information Technology (IACSIT).

Prior to joining Kenya Wildlife Service, he has also successfully served in other Kenyan Government State Corporations namely, Kenya Power and Lighting Company (www.kplc.co.ke) Kenya Railways Corporation (www.krc.co.ke). He serves as ICT Advisor and Board Director of key Public and Private Institutions and Schools under the Global Mentorship Initiative (GMI) program of Microsoft Corporation.

