



# No. 1 Wi-Fi

Infrastructure Builder In Malaysia

As the No. 1 Wi-Fi infrastructure builder, REDtone has helped build and operate many of the Wi-Fi networks in Malaysia, providing Internet access to thousands of people nationwide. The company's extensive Wi-Fi capabilities include designing, building, managing and maintaining large-scale Wi-Fi hotspots.

Its industry proven Wi-Fi architecture is based on multiple wired and wireless Internet technologies operating on a high-speed backbone infrastructure to deliver reliable Internet access via Wi-Fi hotspots.

REDtone's track record speaks for itself with successful deployments in a variety of settings such as metropolitan hubs, townships, shopping malls, hotels and institutions of higher education. Its Wi-Fi track record also includes tenures as the official ICT/Wi-Fi provider for numerous large-scale international and local events with more than 50,000 visitors.

## About REDtone

REDtone International Bhd is a public listed company offering a wide range of telecommunication services including high-speed broadband, data solutions and Voice-over-IP (VoIP) services. The company provides data and broadband solutions, which include the building and management of Wi-Fi networks, to corporations and SMEs as well as government agencies and other public bodies. Currently, REDtone also operates in China under REDtone Asia Inc, which is listed on the US OTC Bulletin Board.

Today, REDtone is known for its strong in-house R&D capabilities and homegrown technological innovations, having won more than 22 awards in Malaysia and abroad. The company has eight patents pending for various technological breakthroughs.

## REDtone Virtual Wi-Fi Solutions

REDtone Virtual Wi-Fi Solutions eliminate the cost and complexity of conventional on-site wireless controllers by providing robust and intuitive centralised management capabilities via the cloud.

These solutions enable the seamless deployment of a genuine carrier-class Mobile Data Offload solution that complements mobile service providers' existing cellular networks. They also help manage distributed multi-site networks with zero-touch access point provisioning, network-wide visibility and control, cloud-based RF optimisation, seamless firmware updates and more.

### REDtone's heterogeneous cloud-based distribution solutions offer:



#### **Scalability:**

REDtone's cloud-based Wi-Fi solutions deliver flexible expandability and scalability. The expansion and scaling of "distributed" or "centralised" controllers and access controllers at the nodes in the field are easily managed, upgraded and configured centrally.

#### **Single Solution For Multiple Services:**

Hosted/managed enterprise Wi-Fi, mobile offload, smart metering and other Wi-Fi-enabled services can be offered from a single architecture.

#### **Customised Reporting:**

REDtone also provides fully customised reports and data to suit the needs of various businesses and organisations.

#### **High Availability:**

By using virtual machines, the solutions ensure high availability via the failover and load-sharing capability of the virtual system. For distributed access controllers with multiple hardware, similar high availability can be accomplished using redundant hardware.

#### **Validated Access Point Communication:**

REDtone's Wi-Fi solutions support multiple authentication and validation methods, including walled garden, MAC address-based validation as well as prepaid/pin-based or EAP-SIM/AKA methods.