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LightNet Technical Overview

PRODUCT DESCRIPTION

LightNet is a web-based product that enables ministries to run their own media distribution platforms. This digital tool helps ministries to publish curated content in the language and culture of their target communities.

PRODUCT SETUP

MediaWorks provides ministries with low-cost cloud infrastructure and installs LightNet on it. The ministry then uses the administration user interface to create one or more content channels

and uploads its digital media to it. Digital media types include videos, audio, eBooks, articles and Bible verses. Channels are customised to engage with a specific user group that the ministry is reaching out to in their community.

PRODUCT USAGE

Once set up, the ministry promotes its LightNet channel(s) to its community. Individuals access the content on LightNet using a standard web browser. Supported devices include smart phones, tablets and personal computers.

PRODUCT FEATURES

- The administrator can translate the end user interface into any of thousands of written languages.
- The end user interface is implemented as a Progressive Web App (PWA). PWAs eliminate the need for ministries to publish web apps to app stores such as Google Play and Apple App Store, and they eliminate the need for users to install a web app before being able to use the site.
- Users may download content for offline access.
- Unlike social media sites, LightNet does not track end users and does not have advertisements.
- The ministry rents its own cloud infrastructure, therefore its instance of LightNet is completely independent of other instances. If one LightNet instance is hacked or attacked, the other instances will not be affected.

PRODUCT ROADMAP

LightNet 1.0 has basic capabilities. MediaWorks has launched three anonymous access sites: two eBook libraries and one mixed media library with articles, eBooks, Bible verses and videos.

Presently, a ministry must rely on MediaWorks to maintain and update

their site's infrastructure and LightNet software. In the future, ministries will do this themselves.

These sites distribute media but lack engagement capabilities to immerse people within their communities. In future versions of the product, MediaWorks will add features such as chat, discussion forums, wikis, quizzes, and feedback to enable users to interact more deeply with the content and other users or ministry workers. Security features, such as login, will be added to ensure that a user's activities on LightNet are kept private.

Also in the future, federation capabilities will enable a ministry to allow access to its content by other ministries using LightNet. This will allow ministries to share each other's content.

ABOUT MEDIWORKS

MediaWorks equips local ministries around the globe with relevant print and digital media that helps them share the gospel and strengthen believers in their communities. Visit: om.org/mediaworks

MediaWorks is part of Operation Mobilisation (OM). OM wants to see **vibrant communities of Jesus followers** among the least reached. OM has over 3,000 workers, representing around 100 nationalities, serving in over 100 countries to bring God's truth to millions every year.

CONTACT

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