



Phone: +1-925-526-4501  
Email: [office@ss7ware.com](mailto:office@ss7ware.com)  
Website: [www.yatebts.com](http://www.yatebts.com)

## YateBTS 2.0 delivers new features for open source cellular



SAN FRANCISCO, March 17, 2014

Legba and SS7Ware, two innovative companies in the open-source mobile industry, launch YateBTS 2.0. YateBTS is a GSM network implementation that powers YateBTS LabKit and YateBTS SatSite. YateBTS 2.0 is available for download from [www.yatebts.com](http://www.yatebts.com)

New features: Authentication, USSD, WebGui

### Authentication

The public version of [YateBTS 2.0](#) supports the following authentication algorithms:

- MILENAGE for a 3G-style authentication
- COMP-128V1 for 2G authentication

The private version of [YateBTS 2.0](#) also supports the 2G COMP-128V3 authentication algorithm. YateBTS can support standard 2G authentication or 3G-style mutual authentication depending on what is supported by the phone.

### USSD

This is first production support for USSD in an OpenBTS derivation. [USSD](#) can be used for:

- account management for mobile subscribers
- mobile-money services

### Roaming

The authentication and USSD features are important steps for roaming support that will be implemented in the next release.

### WebGui

Both public and private release of YateBTS offer a new web-based management tool. From the [WebGui](#) users can:

- manage subscribers
- configure the base station transceiver
- setup trunk connections to the outside world

### YateBTS products

The [YateBTS Lab Kit](#) provides the full functionality of a 2.5G network. It is intended for mobile network operator labs, M2M application development, mobile phone vendors, academics and security researchers.

The [YateBTS SatSite](#) is a commercial 2.5G base station intended for: rural networks, M2M applications, remote locations and private networks.

## Supporting Quotes

“YateBTS 2.0 is engineered to allow straight forward integration of new features. Due to the fact that control layers are written in Javascript, these features can be easily customised by the network operators,

David Burgess, CEO of Legba, Inc.

“We are dedicated to maintaining a fast release cycle for YateBTS. Our interest is to provide operators with an easier alternative to larger vendors like Ericsson and Huawei,

Diana Cionoiu, CEO SS7ware, Inc.

## About us

[Legba, Inc.](#) provides innovative infrastructure for mobile operators.

[SS7Ware Inc.](#) provides 2.5G/4G mobile networks. The company is a subsidiary of Null Team, the creators of Yate.

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