

# TIBCO Enterprise Runtime for R (TERR)

## BENEFITS

- Seamlessly integrate and deploy R code in your production applications
- Deliver quick insights and faster time-to-market through rapid model prototyping to production without recoding and retesting
- Leverage the fast-growing pool of R resources and community contributions

## TERR ADVANTAGES

- High-performance and robust memory management for maximum reliability and superior handling of large datasets than open source R
- TERR is not open source/ GPL, and can be licensed for embedding in applications and redistribution
- Future-proof, robust, modern architecture for today and tomorrow's customization needs
- Broad coverage of core R functionality and compatibility with CRAN packages

## AT A GLANCE

TIBCO® Enterprise Runtime for R (TERR) provides a robust, fast, and enterprise-grade platform on which to run a huge variety of advanced analytics based on the popular R language.

## KEY FEATURES

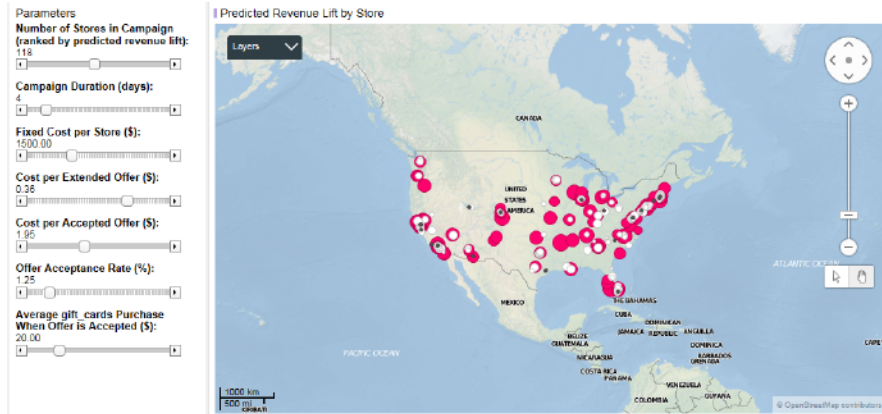
- *TERR in Spotfire:* TERR is embedded in the TIBCO Spotfire® platform to enhance visualizations and power advanced analytic applications and dashboards—no additional installation necessary. TERR can leverage Spotfire connectivity to [data sources](#).
- *Existing R code runs faster and more reliably:* Combining an enterprise-grade engine with superior performance and memory management, and compatibility with thousands of R packages, TERR can run your existing scripts better and faster.
- *Fast prototyping to production:* TERR provides a robust platform for the R language integrated into data discovery, business intelligence, and real-time applications so you can quickly develop new analytic methods and deploy them to production—without the delay and expense of rewriting and retesting them in a new environment.
- *Simpler and faster big data processing:* TERR superior memory management and 64-bit architecture enables far larger data sets to be handled in memory, simplifying big data processing. For even bigger problems, integration with big data frameworks such as Hadoop, Spark, H2O, FuzzyLogix, and others, enable big problems to be solved more quickly and with fewer resources.
- *Designed for embedded advanced analytics:* Open APIs for integration, fully supported by TIBCO, can be licensed for commercial embedding and redistribution.

## THE TERR ECOSYSTEM

- *TERR embedded in the Spotfire platform:* Enhanced data discovery and analytic applications and dashboards, via both predictive tools and direct R scripting. TERR is embedded directly within TIBCO Spotfire® Desktop and TIBCO Spotfire® Analyst—no additional installation necessary.
- *Free TERR Developer Edition:* For free use by individual R users via download from [tap.tibco.com](http://tap.tibco.com).
- *TERR in TIBCO Streambase® and TIBCO BusinessEvents®:* Integrated with TIBCO Fast Data products to perform real-time predictive model scoring.
- *TERR in big data and grids:* Deploy TERR to big data environments (such as Hadoop and Spark) and grids (via [TIBCO GridServer®](#)) for fast, advanced analysis of big data.
- *Embedded TERR:* Embedded in partner products (such as [Lavastorm Analytics](#)).
- *Integrated TERR:* Integration in custom applications by customers and partners via a variety of APIs.
- *TERR with RStudio and KNIME:* TERR is compatible with popular open source environments, such as RStudio and KNIME.

## ADDITIONAL RESOURCES FOR TERR

- [TERR Community](http://community.tibco.com) at [community.tibco.com](http://community.tibco.com)
- Download TERR Developer's Edition from [tap.tibco.com](http://tap.tibco.com)
- TERR Documentation at [docs.tibco.com](http://docs.tibco.com)
- Visit TERR webpage at [spotfire/tibco.com/terr](http://spotfire/tibco.com/terr)



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