



FROM THE EDITOR

How Paranoid Should You Be?

by Julie B. Gibbs

INDUSTRY INSIGHT

Why Hevin Mitnick Hacked My E-Mail

by Jonathan Littman

The Case for Cautious Computing

by Fred Davis

PRODUCT NEWS

15

Oracle Applications for the Web, Oracle Applications news, Nctwork Computer™, Oracle Express Analyzer Release 2.0, Oracle Express Server Web capabilities, Oracle Mobile Agents Release 2.0, Oracle-VeriFone alliance, Oracle WebServer Generator, Oracle PowerBrowser 1.5, Oracle® Universal Server® update, Oracle Media Objects at Surfrider Foundation, Oracle Worldwide Developer Programme, and more.



43 Safety Net **Balancing Security and Communication** in a Distributed World

hv Kelli Wiseth

Strategic imperatives such as developing corporate intranets and conducting electronic commerce over public networks are increasingly driving companies to take extra steps to secure valuable corporate information. How do you successfully conduct business in a global marketplace while protecting your most critical asset-information? It's definitely a high-wire act, but the right policies and tools will put you well on your way to a secure future.

46 Electronic Commerce 48 Uniform Security 50 The Oracle Key

52 Encryption

54 Lock 'Em Up

By Jill Donley Rege

The Wisconsin Department of Justice's Division of Narcotics Enforcement uses the Oracle SIUSS product to keep criminals behind bars.

56 Security by Degree

By Jill Donley Rege

Oracle software expels would-be hackers from Rutgers University data warehouse.



DATABASE ADMINISTRATION **Automating Oracle Tuning**

by Don Burleson

Even if you've got some fancy third-party tools for measuring database performance, you can benefit from extending your basic Oracle performance tools and creating a proactive, customized framework for tuning your Oracle7 databases.



DEVELOPMENT

Using OCX Controls to Extend Your Oracle Power **Objects Applications**

by Martin Walker

Why reinvent code when you don't have to? With Oracle Power Object's support for OCX, developers can integrate the limitless functionality of OCX components with the power of OPO's applicationdevelopment environment.

81 Gener Repor

by Scot If you wordwhen profes

Prec plan

ther and the gatl

hel

of t



APPLICATIONS

Generating Attractive Reports

by Scott B. Wall

If you reenter General Ledger data into a spreadsheet or word-processing application when you want to generate a professional-looking report, you're working too hard. Here's an easier way to produce high-quality reports.



METHODOLOGY

Predicting Capacity and Throughput: Part 2

by Craig A. Shallahamer

Predicting system needs and planning capacity to meet them can be time-consuming and expensive, especially if the prediction method you use gathers the wrong kind of information. These basic methods and techniques will help you put an end to some of the guesswork.



30 Banking on Oracle

Banks competing in the international market can find themselves short-changed by an inability to deal with the high volume of data generated by the enormous numbers of customer transactions, regionally specialized financial products, multiple currencies, and diverse local regulations. Oracle Financials is helping Union Bank of Switzerland, a longtime player in the international banking arena, meet its goal of becoming one of the largest wholesale banks worldwide by the year 2000.



36 Buy Low, Sell High in the Valley of Hings

by Jill Donley Rege

The cradle of western civilization, Egypt is home to the pharaohs, the Sphinx, the Great Pyramids . . . and a booming international stock market, thanks in part to a trading system built on Oracle technology. A new Oracle-based system has helped to facilitate the heaviest trading ever in the Egyptian Stock Exchange, tripling the number of transactions and more than doubling the trading volume.

CLIENT/SERVER Implementing Data Replication: Part 2

by Steve Bobrowski

Here's how to implement an update-anywhere symmetricreplication system, including a simple macro you can download from www.oramag.com.

TECHNICAL SUPPORT Avoiding Freelist Contention in Oracle7

USER GROUPS VALUE ADDED CAREER MARKETPLACE ADVERTISERS INDEX

Oracle Magazine (ISSN 1065-3171) is published bimonthly with a free subscription price by Oracle Corporation, 500 Oracle Parkway, Box 659952, Redwood Shores, CA 94065. Oracle Magazine is mailed at Periodicals Postage Paid at Redwood City, CA and additional mailing offices. POSTMASTER: Send address changes to Oracle Magazine, 500 Oracle Parkway, Box 659952, Redwood Shores, CA 94065-1600