

Cytta's Global IoT Service Delivery Platform

The VeriSmartPhone[™] Solution for the Internet of Things

-- a Trillion \$Dollar Market --





Vehicle, asset, person & pet monitoring & controlling



Agriculture automation

















Embedded Mobile







M2M & wireless sensor network



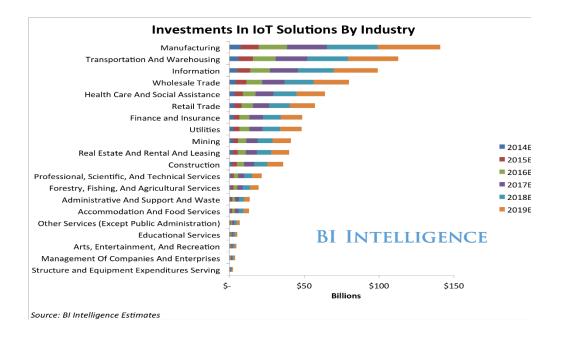
Everyday things

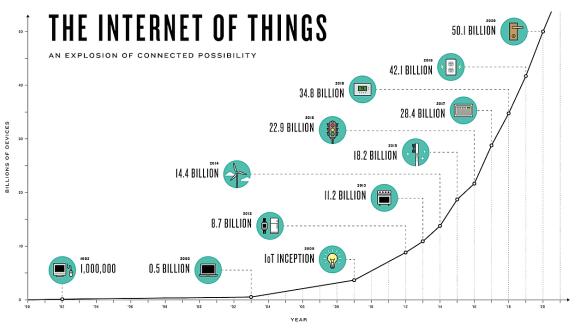


Smart homes & cities



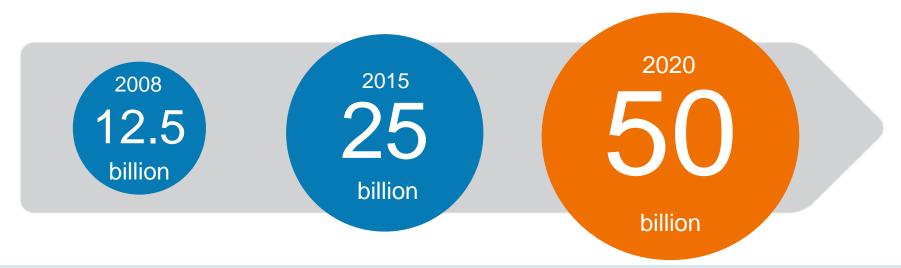
Telemedicine & helthcare





Cytta is the VeriSmartPhoneTM and its Oracle Cloud/IoT Platform: Connectivity for any device - we move all data.

In our future economy, where everything is connected through the Internet of Things (IoT), Connectivity and Data are our most valuable currencies. By 2020, the number of things connected to the Internet will be approximately 7 times greater than the number of people on earth today! The VeriSmartPhoneTM powered by the Oracle Cloud/IoT platform is the answer.



The Internet of Things (IoT), is the network of physical objects, devices or "things" embedded with electronics, software, sensors, microprocessors and connectivity to enable objects or "things" to exchange data with other connected or control devices (VeriSmartPhonesTM) and/or the operator.

The Internet of Things allows objects to be sensed and controlled remotely across existing cellular or WiFi network infrastructure.

The IoT is estimated to generate \$14,400,000,000 of value over next decade. The VeriSmartPhone™ will enable this.

1% savings from efficient IoT/Cloud solutions will save billions in operational costs alone*

\$30B

fuel cost saving in aviation industry

\$66B

fuel cost saving in gas powered fleets \$63B

productivity improvement in healthcare

\$90B

reduction in
Cap X in oil & gas
exploration and
development

\$27B

productivity improvement in rail industry



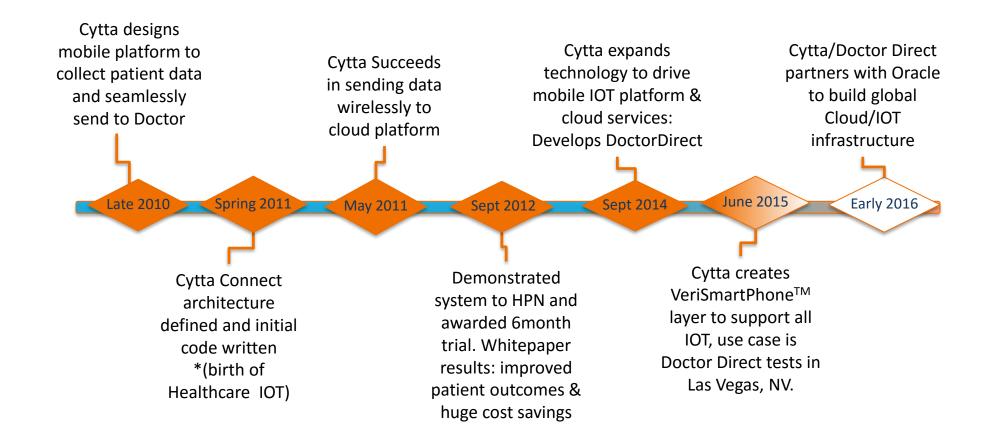




Source: Industrial Internet: Pushing the Boundaries of Minds and Machines, Peter C. Evans and Marco Annunziata, November 26, 2012

^{*} Projected savings are based on 1% efficiencies/savings

Major Cytta Milestones



Real Progress and Gaining Momentum

We're the first...The development path for integrating Cytta's unique VeriSmartPhoneTM functionality into ORACLE'S IoT/Cloud Platform was complex and we did it!



Cytta's VeriSmartPhone[™] Functionality & ORACLE'S IoT/Cloud Platform, is fully operational

The Cytta VeriSmartPhoneTM Platform allows root level programming that utilizes and interacts with all smartphone sensors. The sensors can be utilized in whatever functional configuration the client desires to achieve whatever function is necessary.



All monitoring is possible!

VeriSmartPhone[™] Sensors

- Microphone
 - > Touch
- Temperature
- > GPS (location)
 - > Fingerprint
 - Gyroscope
- Accelerometer
- Magnetometer (Compass)
 - > Proximity
 - > Light
 - Barometer
 - Water sensor
 - Camera/Video
 - > On/Off
 - Bluetooth/Radio/WiFi

Cytta VeriSmartPhone^{TM -} Uniquely different, uniquely better

Connects wirelessly and collects data from any Bluetooth (BT) device

Any device's BT Data is automatically received by VeriSmartPhoneTM

VeriSmartPhone[™] "thinks" - Requires NO user interaction, intervention or typing

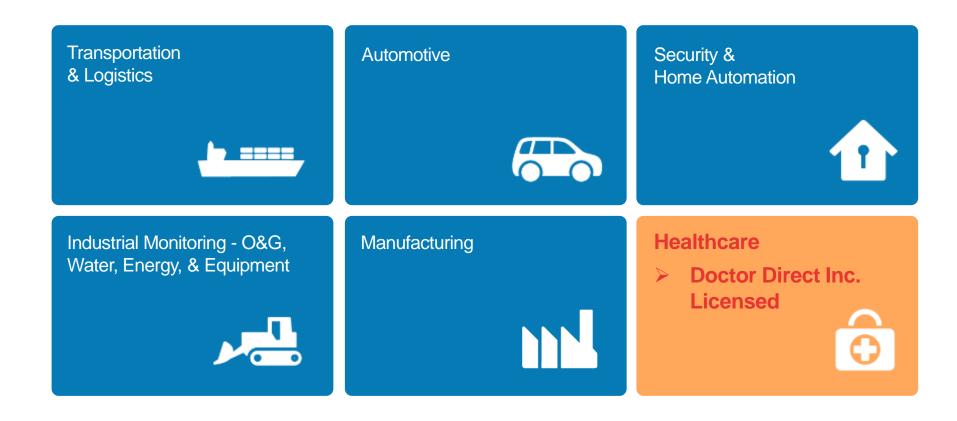
The VeriSmartPhoneTM also receives and sends instructions to all BT devices

The only fully ROOTED, unlocked and legal smartphone on the US market

We're leveraging the full power of smartphone microprocessors

Most efficient and intelligent MOBILE hub vs smart (\$\$) device designs (Nest, etc.)

Cytta VeriSmartPhone IoT solutions are available for many industries.



Our first solution is Doctor Direct Inc. to remotely monitor patients and better manage Healthcare.

Markets where our Cytta VeriSmartPhoneTM devices will have the greatest impact on the US marketplace

Healthcare

- VeriSmartPhones and Bluetooth remote monitoring devices (Doctor Direct) can improve the health and life quality of elderly or patients suffering from chronic diseases and generate Physician revenue
- Automate certain everyday tasks they cannot do or struggle to perform themselves
- Reduce the need for personal assistance and personal Doctor visits

Oil & Gas Monitoring

- Domestic Oil & Gas production is the future of America. As US production grows and the US becomes energy independent, the need for Cytta's leading edge VeriSmartPhone data and connectivity solutions becomes greater.
- Cytta is working with companies seeking to utilize our platform and license our technology to deploy our IoT technology in this area.

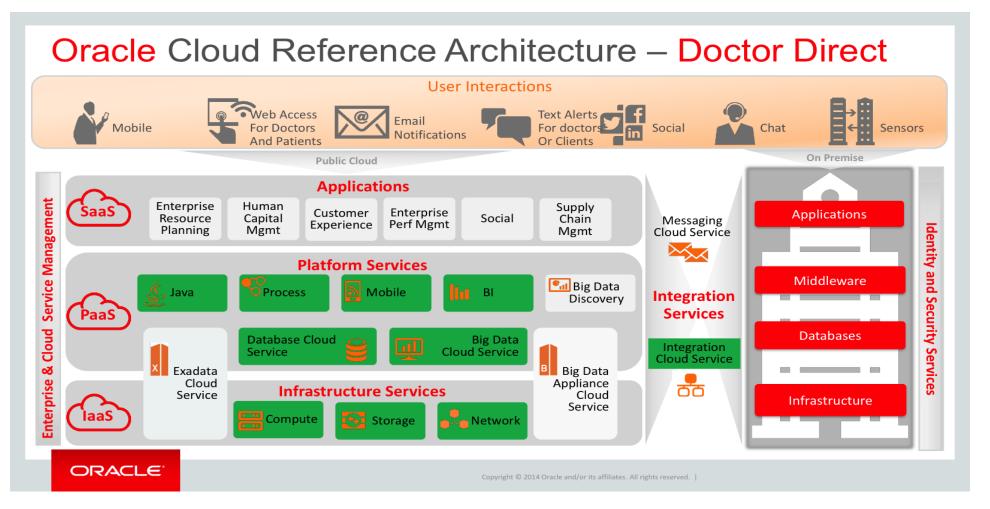
Water Monitoring Usage

- We believe water and water consumption will be as important as Oil & Gas in the years to come. Cytta's IoT technology lends itself to connecting the multiple parts of this arena and transmitting the data to optimize decision making.
- We are currently working with a group that seeks to utilize our technology in this innovative area.

Energy Efficiency Monitoring

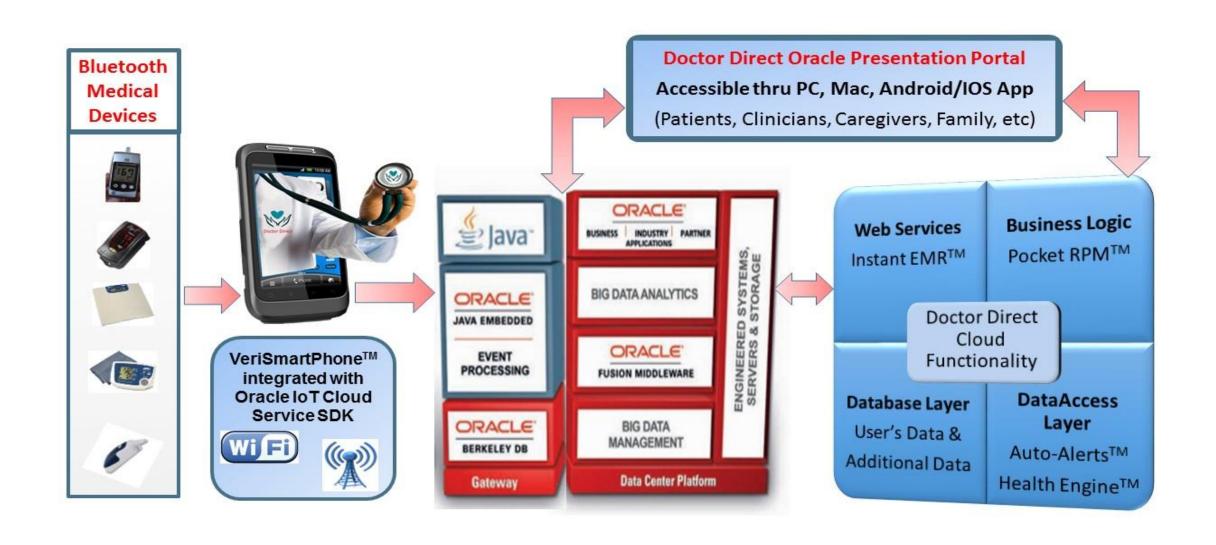
- We are becoming increasingly aware about our energy consumption.
- Smart Devices can help lower our consumption

Doctor Direct Oracle Architecture



- •Integrated set of solutions that offer everything from Infrastructure as a Service, Platform as a Service too Software as a Service.
- •The Oracle Ref Arch is a great starting point for understanding how various components fit together for a given solution. This is a generic reference architecture which shows how services are organized and integration occurs between the on-premise and cloud environments. What this means for Doctor Direct is Oracle has already defined a path for us to follow as we expand and find the need to implement additional Oracle Cloud Services. These services could include everything from Big Data Cloud Service to BI Cloud Service, as well as the tools to Integrate all these different solutions.

Cytta VeriSmartPhoneTM Oracle Flow Chart



Smart Healthcare for Everyone



Smart Healthcare

Cytta's Doctor Direct available today!

Connect and collect data from all Bluetooth Devices throughout the home

Medical peripheral developers can integrate Bluetooth sensors and microprocessors into medical peripherals, appliances, furniture and clothing

Data is automatically received by VeriSmartPhoneTM and is sent to physicians for monitoring.

Commands can also be sent through the VeriSmartPhoneTM to the devices

Doctor Direct Overview



Utilizes Cytta's Private Mobile Cellular Network:

- Private Voice & Data cellular network for health & wellness monitoring
- Uses Cytta 'VeriSmartPhones™ (VSP) Full functionality IoT unlocked reprogrammed android smartphones, not 'locked' Carrier controlled phones
- Proprietary 'intelligent' android VSP IoT control interface





Enterprise GUI (Graphic User Interface):

- Auto Alerting and Highly Scalable to millions
- Automatically receives all data and 'thinks and decides' what to do
- Automatically creates Cloud based patient electronic health record
- Automatically populates and alerts Physicians office of all patient information
- Integrated with Cloud and VSP
- Integrates with EHRs



Medical Analytics:

- All data contained in Cloud based relational database
- All biometric readings stored and available for meta analysis
- Power of big data available to Government, Insurers, Pharma, etc.



State of the Art Compression and Encryption:

- Far exceeds current day technologies
- Provides Quality Video transition over very low bit-rate data links
- Our "provably secure" encryption with a 4GB key length adds security to communications

Doctor Direct Inc.

Smartphone based proprietary remote monitoring platform providing real time patient monitoring. Easy for patient use, and both effective and profitable for physicians.



The Doctor Direct Inc. (doctordirectinc.com) medical remote monitoring technology is complete, live patient tested and has been field deployed.



Poctor Direct is the only remote medical monitoring platform licensed by Cytta Corp.'s (Cytta.com) to use its private voice and data cellular network allowing it to operate and manage an IoT network of unlocked smartphones programmed to 'think' − VeriSmartPhones™ (VSP).



The Doctor Direct
system is completely
open source –
Automatically connects
any Bluetooth health or
wellness devices (i.e.
Blood Pressure, Blood
glucose, Pulse oxygen,
digital scale, etc.) to the
VSP to the Cloud and on
to the caregivers
anywhere, anytime.



Data is automatically received by VSP, interpreted, assessed and recipients determined. This provides patients with a low cost, 24/7, intelligent monitoring at any location.



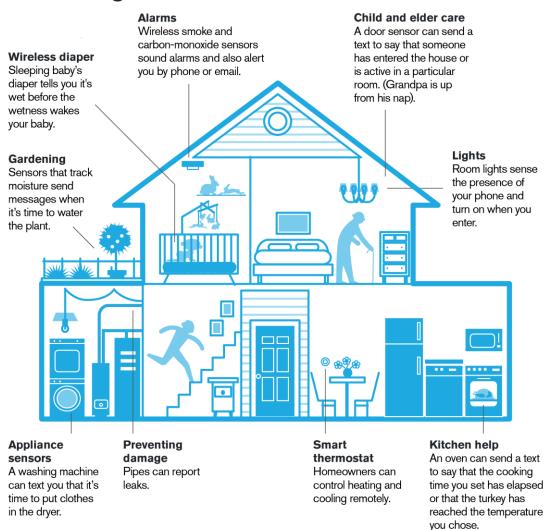
The VSP transmits data in real time to the Dr.,
Nurse, Caregiver and/or family member along with determination of action level or importance. Dr., Nurse, caregiver, or family member responds to patient via voice, video, SMS or email in realtime through VSP in patient's home.



The Doctor Direct remote patient monitoring system, combined with the new Medicare billing/CPT codes for the service, has created the opportunity for real-time patient monitoring and a significant revenue stream to the Physician for providing better quality care.

What is a "SmartHome"

Smart Things Automate the Home



An intelligent network capable of connecting and controlling various appliances throughout your home.

Can be controlled and monitored remotely (e.g. with our VeriSmartPhoneTM).

A VeriSmart Home could allow the homeowner to sell self-generated, but unused kilowatts back to the power company through the grid

Uses sensors to detect movements and changes in the physical state of your home.

Utilizes the "Internet of Things"

When is a 'Smart Home' not smart?

Cytta does MORE...

"A home equipped with lighting, heating, monitoring and electronic devices that can be **controlled** remotely by smartphone or computer." Oxford Dictionaries (2014)

What is a 'VeriSmart Home'?

"A home equipped with lighting, heating, monitoring and electronic Bluetooth devices that report data to and can be controlled remotely by a VeriSmartPhoneTM utilizing, Cytta's cellular, WiFi or Satellite network connectivity"

CyttaConnect (2015)



Smart Energy Consumption

What is a SmartGrid?

- ➤ Enhanced electric distribution network that connects electrical providers, power delivery systems and consumers using of wireless communications and network technology and associated sensors and software
- > Features of a "Smart Grid" includes
 - > Demand monitoring and response
 - > Distributed generation management
 - > Electrical and thermal storage management
 - > Transmission management
 - > Power outage and restoration detection
 - > Power quality management
 - > Distribution automation
- Connect energy harvesting systems to serve as backup source if grid the fails
- A "VeriSmart" Home could allow the homeowner to sell self-generated, but unused kilowatts back to the power company through the grid.

Management Team

Gary Campbell, CEO, Director:

Prior to Cytta Corp Mr. Campbell was CEO of Rocketinfo which provided current news (rocketnews.com) and business information search solutions prior to its takeover. He also partnered with Samsung to develop screen based software and applications for Samsung's Anyweb internet appliance, creating the first web based remote medical monitoring system. While a VP at Telemac Cellular they reprogrammed the cellphone clock chip to store call and accounting data, which lead to the development of the TRACfone an early stage MVNO. Mr. Campbell then became CEO of CanCall Cellular the major US provider of cellular rental services, which ultimately became the AT&T's national cellular rental administrator. Mr. Campbell has degrees in both Commerce and Law from the University of BC. Law.

Erik Stephansen, President, Director:

Private Equity adviser and former Investment Banker who is experienced in corporate development, technology and sales management work with Cisco, Microsoft and other Fortune 500 companies. He has advisory board experience with several US companies and an Australian technology company. As a key strategist and architect of the Cytta Connect system and ecosystem, Mr. Stephansen is an innovative business executive with documented knowledge of the following industries: medical, financial and professional services, hardware and software technologies. Mr. Stephansen is a Business Economics graduate of University of California, Santa Barbara with specialized studies at UC Berkeley and Stanford University. He is an avid skier and aerobatic pilot.

John Dinovo, CTO, Director:

Has more than 25 years of P&L, Operations Management, Supply Chain Management and Leadership experience in contract manufacturing environments and plants with as many as 100 personnel. Mr. Dinovo repeatedly succeeded in increasing financial performance, productivity, quality, safety, customer service, and customer satisfaction. As a long time CEO Mr. Dinovo grew and built a successful contract manufacturer organization from ground up with four (4) fully integrated high speed surface mount and two prototype lines, 10 million dollars of per year revenue and 100 employed staff. Mr. Dinovo holds a BS in Electrical Engineering earned with honors from University of Nebraska, Lincoln, 1980. He is a US Navy Vietnam Veteran and Instrument Rated Private Pilot.

Board of Advisors

Mr. William Casselman II, J.D., Chairman of Board of Advisors:

Is an attorney and business advisor highly experienced in information technology and telecommunications matters. He represents U.S. and foreign clients on business and government matters, including commercial transactions, government contracts and federal lobbying and he is driven by tackling large issues that improve lives on a large scale, such as the current Healthcare change mandate. Mr. Casselman served for over 10 years in appointed positions within the Executive and Legislative Branches of the U.S. Government, culminating with his appointment by President Ford as Counsel to the President, after serving as Legal Counsel to Vice President Ford.

Michael R. Czinkota, Ph.D.:

is a Professor of International Business at the Georgetown University, Graduate School of Business and Chairman of its National Center for Export-Import Studies. He is a frequent business lecturer and advisor to major US corporations, including AT&T, IBM, GE and Nestle, and a member of various corporate boards of directors. He is the author of the largest selling college textbook on international business. As Deputy Assistant Secretary of Commerce, he was responsible for trade analysis and retaliatory actions during both the Reagan and Bush (41) administrations.

Van D. Hipp, Jr. J.D.:

is Chairman of American Defense International, Inc. (ADI), a Washington, DC based consulting firm specializing in government affairs, business development and public relations. He has also served as Deputy Assistant Secretary of the Army (Reserve Forces and Mobilization) as well as the Principal Deputy General Counsel of the Navy. Hipp is a veteran of the U.S. Army and served on active duty in both Operation Desert Storm and Operation Restore Democracy. He continues to speak on defense issues on Fox News, CNN, MSNBC and CBS, and at public forums across the country. His articles on defense and international policy have been widely read in the national print

Thomas B. Hodges, MBA:

has worked for over 30 years in federal contracting positions with major US companies including EDS, CSC, Ernst & Young, Sprint, SAIC and GTSI including a \$740 million win of AWIPS while at PRC for NOAA, a \$650 million win at EPA while at PRC. He has a proven track record in turnaround and large program management of taking flawed operations and turning them around, achieving high systems utilization and improved business processes. He has consulted on efficiency strategies for Federal agencies including the DOD and NASA.

Zvi Huber M.Sc.:

is one of leading experts on M2M technologies and the M2M market, having designed numerous M2M systems and products. While at ORBCOMM, the low-Earth orbit satellite network operator, he served as Senior Vice President of Sales and Customer Operations and later headed ORBCOMM's wholly-owned subsidiary, Stellar Satellite Communications, which he took from \$600K to over \$10M in annual sales in just five years. His work has also included design, engineering, business development and sales of wireless systems and products, including remote monitoring, as well as electronics manufacturing and assembly operations.

Board of Advisors

Darren Pleasance MBA:

Leads the Global Customer Acquisitions team for Google Inc., dedicated to driving Google's growth in the global small to medium-sized business (SMB) space across a diverse set of countries and industries. He is responsible for guiding sales, marketing, market intelligence and support teams globally to attract SMBs to Google's various services. Previously, Darren served as a partner in McKinsey and Company's North American Marketing & Sales Practice, where he was the founder and co-leader of McKinsey's global SMB practice

Harvey Sussman, Pharm.D:

Is a Pharmacist and former owner and principal of Midatlantic Home Infusion, Inc., a major purveyor of home based infusion materials with particular expertise in treating complex patients requiring inotropic/cardiac therapies, intravenous immunoglobulin (IVIG), total parenteral nutrition and intravenous pain management. Midatlantic was acquired by Flexpoint Partners, LLC in 2006.

Timothy W. Wright, III JD.:

Is a partner of the Chicago office of Quintairos, Prieto, Wood & Boyer, P.A. Mr. Wright is experienced in the areas of transactional law, health & governmental affairs, public finance and litigation. Mr. Wright has also served as President William Clinton's first Director of Domestic Policy and in various capacities in the administrations of Presidents Clinton, George H. Bush and George W. Bush. His transactional practice includes the representation of issuers, underwriters and other credit parties in municipal finance transactions

Kevin G. Woelflein MBA:

Is President of U.S. Capital Investments Company, a bank advisory firm and was also President of American Security Bank in Washington, D.C., and President of The Massachusetts Company, a Boston-based specialty bank and a subsidiary of Travelers Corporation. Woelflein has had overall responsibility for managing bank investment portfolios, as large as \$500 million, as a banker, and has been a principal broker helping banks manage large portfolios. He is a former Federal Reserve Bank official and World Bank delegate.

Dr. Randy Edwards:

He began his career in Obstetrics and Gynecology, including Chairman of the OBGYN department at several Las Vegas Hospitals and an Associate Professor at the University of Nevada. He was awarded an unrestricted Gaming License and was the senior owner in the purchase of two ongoing unrestricted gaming entities in Las Vegas and a third unrestricted gaming enterprise wherein he constructed the entire facility. Dr. Edwards is also licensed as a Mortgage Agent in Nevada involved primarily with funding and development of commercial projects in Nevada, Calif, Arizona, and Colorado.

Contact Us



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