

# Providing Connected Clinical Information Solutions to the Healthcare Industry



# **Aventyn, Inc. Summary**

### Founded February 2004

### Vision:

- Be the leading provider of Connected Clinical Information Processing Solutions to the global healthcare industry
- Immediate Objective: Develop and deliver CLIP® web-based software solution with integrated wireless, RFID capability to connect patient e-health information for efficient healthcare delivery
- Privately held and San Diego, CA incorporated
  - US 8(a) business
- Wholly owned subsidiary Aventyn (India) Pvt. Ltd.
  - Efficient, optimized business operations due to mix of US and India off shore development structure



# Aventyn, Inc.

#### Highly experienced team

Navin Govind: For over a decade Navin held business unit and group level marketing and technical management positions with Intel Corporation and Tarari, Inc. an Intel Corporation spin out in Enterprise Networking, Wireless and Embedded Groups. He has several years of proven success at Intel Corporation, as a founding team member at Tarari developing winning global strategies for the adoption of new technology, architecture and products within the applications and content provider industries. Tarari was recently acquired by LSI for \$85M. Navin is an inventor, served as speaker and advisor at numerous industry panels and standards initiatives with several domestic and international publications.

**Dr. Ram Krishna:** Ram is an orthopedic surgeon who is currently in private practice in Yuma, Arizona and was formerly the chief of surgery at Yuma Regional Medical Center. Dr. Krishna served as chair of the Yuma Regional Medical Center Board of Trustees, president of the Yuma County Medical Society and appointed chair and secretary to the Arizona State Board of Medical Examiners by Governor's Janet Napolitano, Jane Hull and Fife Symington.

**Brent Kephart:** Brent comes to Aventyn's advisory board with a background in sales from successful start-up businesses in both the silicon and wireless space. Prior to this, Brent held various sales and marketing positions with Intel Corporation and Tarari, Inc. an Intel Corporation spin out. Currently, Brent is a director of Sales and Business Development for ION Networks, a company that provides a secure solution for remote administration to the fortune 500.

**Alexander Eriksson:** Managing Director, Northern Europe for Aventyn. Located in Stockholm, Alex has a background in mathematics, computer science, enterprise economics and management. As an entrepreneur he was founding partner, business development director of a joint Swedish, India BPO entity specializing in software development, 3-D graphics modeling and visualization. In this role, he personally managed Fortune 500 global accounts.

Jason Clark: Director of Business Operations at Aventyn. He comes to Aventyn with a strong corporate background and solid technical finance, portfolio, and engineering expertise. Most recently, he worked in the equity markets as a quantitative trading analyst. Prior to this role, he held various business and technical positions at Intel Corporation including senior level strategic finance supporting emerging platforms, program management of wireless networking efforts, and capacity simulation engineering.

**Dr. Lars-Åke Brodin:** Earned his medical doctorate and a PhD from the Karolinska Institute, Stockholm, Sweden. He has over a hundred scientific publications and an equal number of medical abstracts and conference reports credited to his name. Dr. Brodin is assistant dean at KTH, The Royal Institute of Technology in Stockholm, a frequent speaker, editor and board member of private and academic entities.

**Jean-Christophe Lonchampt:** Ten year career at Intel Corporation spearheading several revenue generating initiatives in Broadband and Wireless Communications businesses. He held various management positions that included Channel and Global Account Management, New Business Creation with Service Providers as well as R&D Industry Programs.

**Eleonora Cattaneo:** 16 years experience as a marketing professor at Bocconi School of Management in Milan, Italy and as a management consultant. Her focus is international marketing and she has worked on the internationalization of several major companies.

**Dr. Timour Paltashev:** 3D graphics architecture manager at S3 Graphics Inc. He is well known in academic circles as a distinguished graphics professor and researcher. Timour's principal research is in 3D graphics processing units, imaging system simulation and programming interfaces for graphics accelerators. He has served as chair and advisor to GRAPHICON, SIGGRAPH, EUROGRAPHICS, editor for Computer Graphics & Geometry Internet Magazine and is a member of ACM and IEEE Computer Societies. Timour has several publications to his credit and awarded multiple patents.

**Dr. S. S. Ramesh:** Founder & Managing Director, Vivus Group. As the founder and promoter Dr. S. S. Ramesh, an internationally renowned cardiologist provides Vivus group's overall strategic direction and execution. He was the first DM Cardiologist in the private sector to perform angiogram, angioplasty and various other interventional procedures in the state of Karnataka, India. He has performed over 12,000 CAGs and over 3,000 PTCAs in his career. In addition, he is seen as one of the pioneers of intravascular ultrasound and Intra-Coronary Brachytherapy techniques in South & East Asia.



# Aventyn, Inc.

#### Solution:

- Develop and deliver CLIP® connected clinical information processing software solution with integrated RFID capability to connect patient e-health information and medical assets for improved healthcare delivery efficiency and quality.
- Aventyn's innovative Clinical Information Processing Platform® software is a solution deployed at Hospitals and Physician Offices
- CLIP delivers an interoperable, device scalable and secure solution for the
  Healthcare Delivery industry to track and manage clinical assets and resources.

#### Benefits:

- Seamless sharing of secure patient-centric clinical information
- Track, secure and manage medical assets
- IT industry and Health IT standards based with epcGlobal, ISO and HL7
- Support multiple platforms anytime, anywhere
- Web-optimized, interoperable and scalable software solution
- Lower cost, improves patient safety and healthcare quality



# Clinical Information Processing Platform®

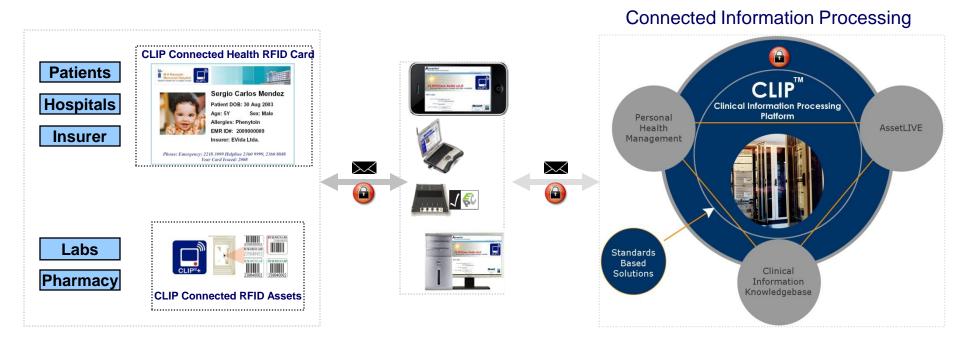
**Patent Pending\*** 



Clinical Information Processing Solution for delivering efficient, high-quality healthcare



# **CLIP® Connected Architecture**Integrates Health Information



Interoperable, Secure and Scalable

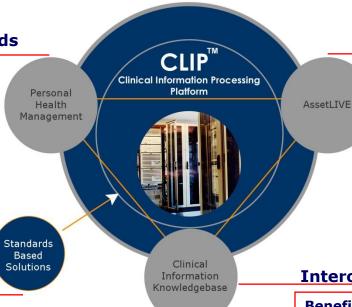


# **CLIP® Improves Work-flow**

#### **Portable Health Records**

#### **Benefits Hospitals and Labs**

- ◆ Monitor correct patient
- ◆ Right medication and dosage
- ◆ Reduced paper forms
- ◆ Increased physician utilization



#### **Real-time Asset Tracking**

#### **Benefits Hospitals and Suppliers**

- ◆ Secure critical assets
- ◆ Automate demand-supply
- ◆ Reduced administrative cost
- ◆ Improved patient safety

EPCglobal, ISO, W3C and HL7

#### **Interoperable Clinical Information**

#### **Benefits Consumer, Insurer and Pharma**

- ◆ Enterprise clinical information sharing
- ◆ Increased administration throughput gain
- ◆ Reduced cost of pre-clinical trails
- ◆ Improved efficiency in care quality



## **Integrated Health Information Management**

### **CLIP®Care Suite**

- Web-based, remote and local secure log-in capability
- Portable ambulatory electronic medical, personal health record
- Clinical, financial and document management
- Electronic prescription and ePedigree applications
- Remotely identify, locate and monitor correct patient
- Health information management





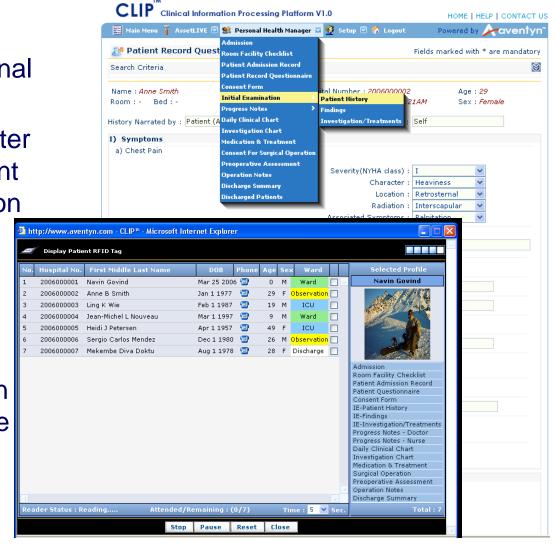
# Personal Health Manager

### PHMan Solution:

- Portable electronic personal health record
- Remotely locate, administer and monitor triaged patient medical history, medication

### Benefit

- Reduced paper forms improve patient flow and safety
- Dispense right medication right time, reduce adverse drug errors
- Share clinical information





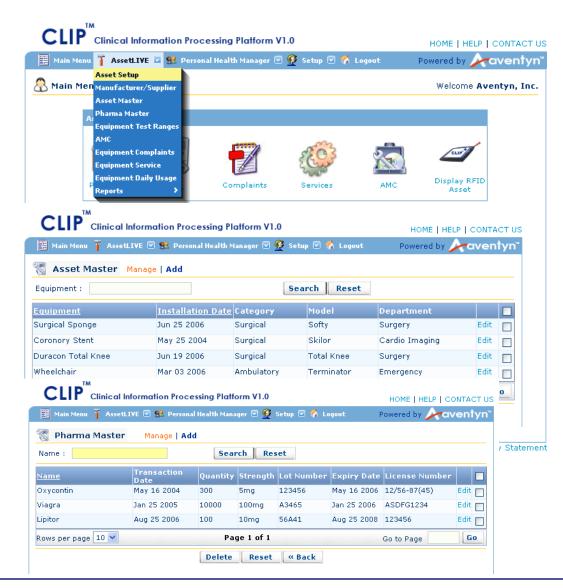
### **AssetLIVE**

### AssetLIVE Solution:

- Secure Asset Location, Identification and Verification of clinical supplies and equipment
- Track and manage prescription drugs

### Benefit

- Protect and secure expensive equipment
- Improve patient care tracking life saving equipment and medication
- Reduce administrative, management cost





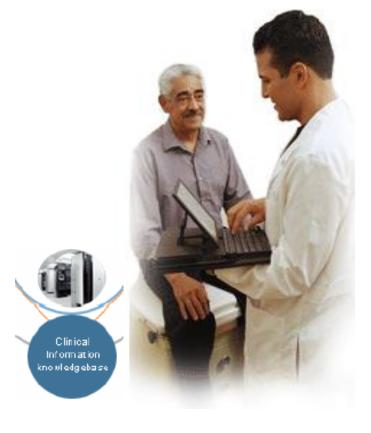
### Clinical Information Knowledgebase

### CIKnow Solution:

- Provides secure, comprehensive clinical information knowledgebase of up to date clinical information
- Seamlessly ensure physicians, patients, providers and researchers have access to information on adverse drug effects, disease management and personal health management

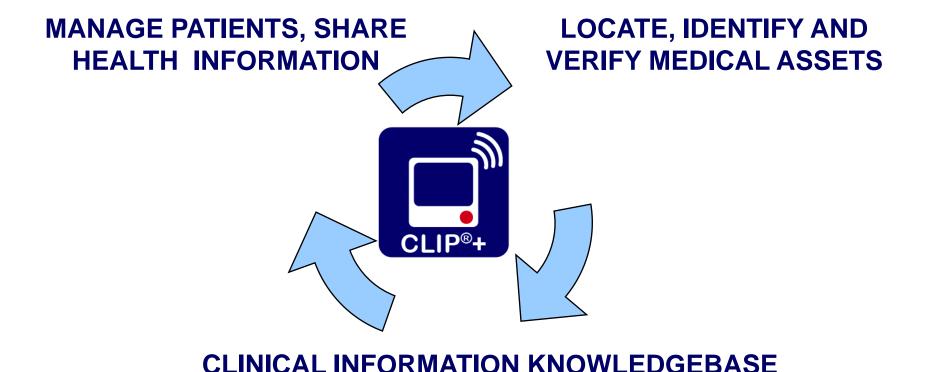
#### Benefit

- Enable standard clinical information management models by relating clinical information to personal health information.
- Enables availability of clinical information spanning several multidisciplinary practice areas to analyze and assist in disease and personal health management





### **Modular Platform for Clinical Information**



FOR HEALTH AND DISEASE MANAGEMENT



## **Aventyn in the Industry... News**









#### Bangalore Heart Center Uses Passive RFID Cards to Track Outpatients

The EPC-based system, from Aventyn, has helped the facility increase patient throughput, reduce the use of paper forms and better track equipment.

By Beth Bacheldor

May 29, 2007—The Shagwan Mahaveer Jain (8M1) Heart Center in Bangalore, India, is using passive UHF RFID tags to help maintain patient records, monitor patient flow and care, and track assets throughout the hospital's outpatient department.

Since the fall of 2006, the cardiac hospital—part of the vivus Group—has employed the Clinical Information Processing Platform (CLIP), from eventure, a wireless technology company based in San Diego Calif. The facility now tracks an average of 100 new patients a day, as well as returning patients, as they check into its outpatient department.

We were aware of some hospitals in the United States using [RFID] for asset tracking, "says Dr. Satish Chandra, BMJ's director of noninvasive cardiology, "and were interested in how this could really benefit patient care."



### **Contact Us**

- For More Information:
  - Email us: info@aventyn.com

- To Schedule a Demo
  - Email us: <u>sales@aventyn.com</u>

