

# Akal Technologies

*Transforming lives*

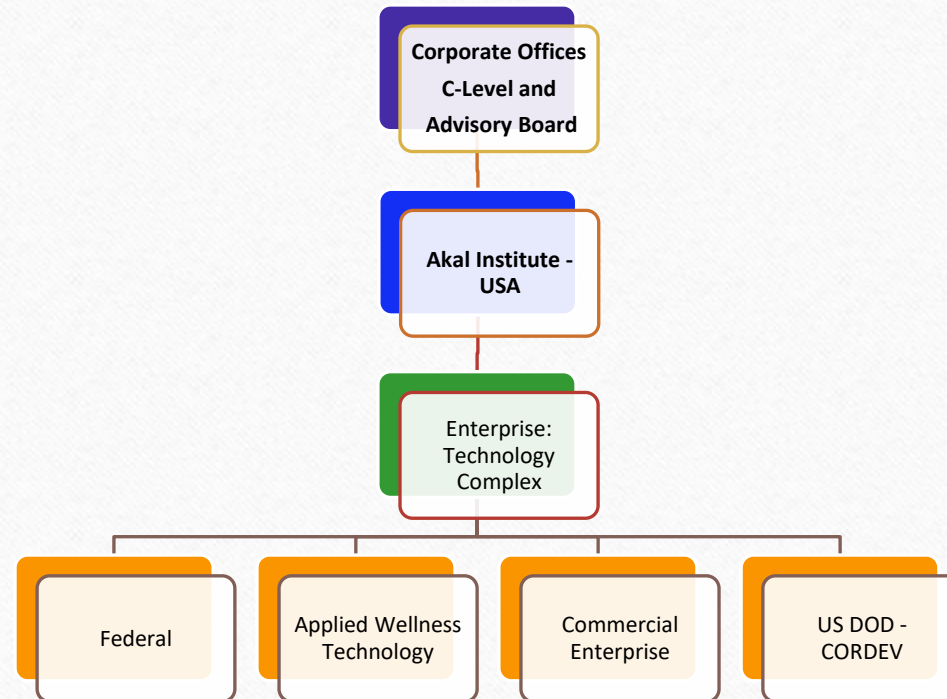
Concept Draft V3

March 26, 2021

Ed Bennett

# Organization Structure

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# Mission

Our mission is to innovate and apply enhanced and emerging technologies to improve the quality of life for individuals and improve their productivity.

The Driving force that dictates our strategic considerations is self sufficiency and individual empowerment

# Vision & Values

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Enabling a world where individual identity is abundant in self expression.

# Overview

Personal computing devices, biometric sensors, networks and applications are generating and collecting huge amounts of information in the form of digital data. Each user's data can be considered as digital emissions.

A user's data leaves a footprint, and our footprints create a digital representation of each of us (we leave a trail of where we've been, what we are currently doing, like, dislikes, etc.).

We are in a rapidly changing data centric world.

This business idea recommends applying emerging technologies and enhanced information (data) to enable people throughout the world, improve their quality-of-life quality, and realize their full potential.

Akal Core competencies:

- Passion for the greater good, compassion for the individual
- Spiritual Enlightenment – light on the path
- Intelligent, inspired, accomplished, Collaboration team
- Expertise in technology, healing, medicine, compassionate care, real estate, military, professional athletics



# The Path

## Collaboration Community Network

Akal Enterprise Team

Advisors

Volunteers

Shenandoah Wellness Park ecosystem

Partnerships & Affiliations

- University Research
- Nonprofits
- Corporate
- Pro Teams
- Real Estate
- Foundations and Trusts

Public and private foundations

Federal and DOD contract vehicles

## Akal Technologies

- Bold uses for emerging technology,
- Integration of information (data) to create Wellness as a Service model (WaaS) or Platform as a Service (PaaS).
- Use Big Data for predictive analytics
- In house, custom artificial intelligence decision engines

## Serve the Greatest Good

To use a combination of Akal Institute principles, domain expertise, bold and creative applications in technology, networking and information in a responsible ways.

To improving individual lives and communities.

To creatively use of information from applied augmented reality, artificial intelligence, and integrated software to assist, guide and enrich lives.

To creative ways to aggregate and organize human data emissions (information) that define an individual and unlocks important possibilities for the greatest good.

# Akal Technologies

Is the bridge between all things  
The enabler of practical and spiritual well being.

The gateway to the greatest good

Lifestyle Coach Templates:

- Customized to individual and outcome
- Integrated with applications
- Technology collecting data, providing feedback

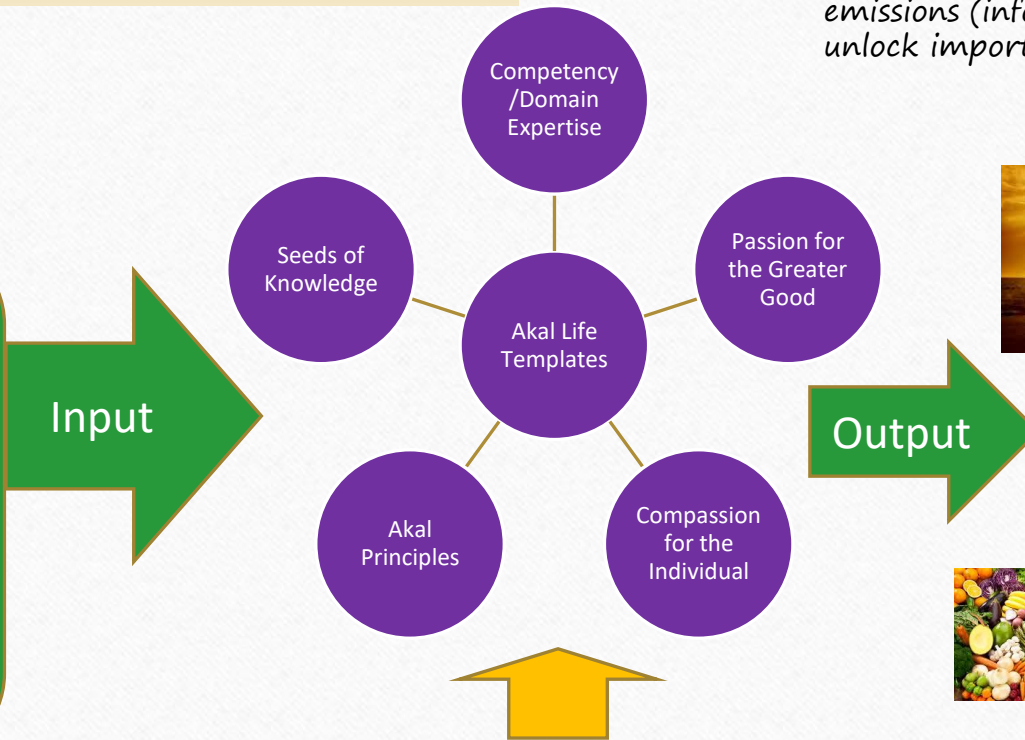
The Solution is ...

Using a combination of Akal Institute principles, domain expertise, bold and creative applications of technology, networking and information in responsible ways to improving individual lives and communities.

Creative use of information from applied augmented reality, artificial intelligence, and integrated software to assist, guide and enrich lives.

Creative ways to aggregate and organize human data emissions (information) that define an individual and unlock important possibilities for the greater good.

Big data  
Artificial intelligence  
Digital & remote Health  
humanistic Augmented Reality (VR)  
Smart Home  
Smart Sensor Networks  
Applied Biometric Sensors  
Automation and Robot Software  
Crowdsourcing  
Digitized education  
Cyber Security  
cryptographic proof



Elder Care	Financial Literacy	Life Coach wisdom	Apps

Illustrative Examples

# Applied Wellness Technology

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Technology applications that enable a happy and useful life





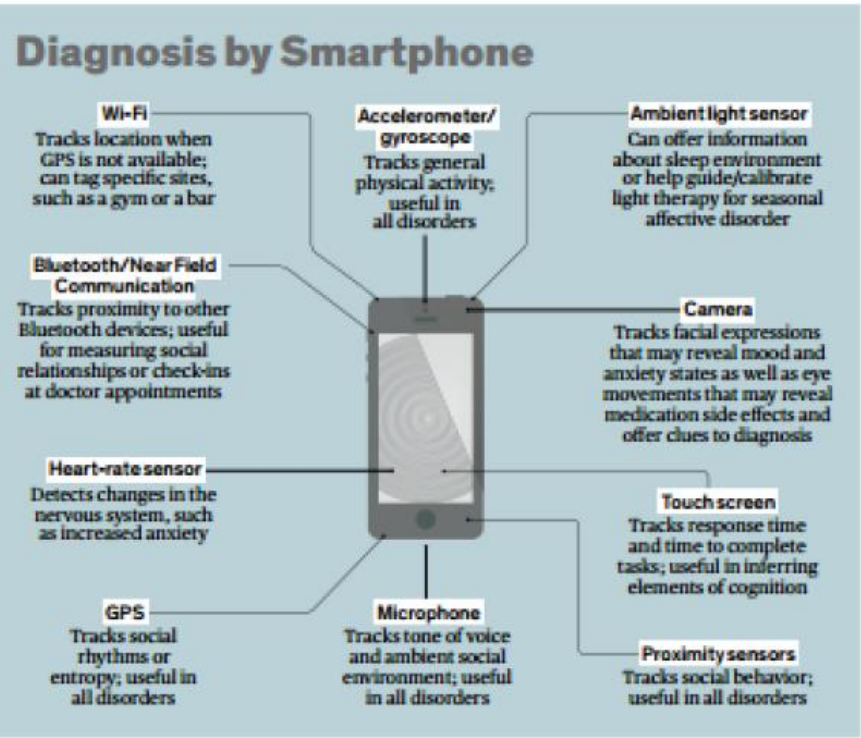


ILLUSTRATION: RICH MORGAN; SOURCE: JOHN TOROIS

# Diagnosis and Healing Example

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# Potential Application Suites

- Healing, rehabilitation
- After Care, life success
- Health monitoring & Management
- Patient support services
- Institutional support services
- Health community & collaboration
- Documentation & record keeping
- Data Security and integrity

- ❑ Healing those affected by substance abuse (Use of VR, AI technologies)
- ❑ Help & support in the management of treatment (wearables, mobile apps, web monitors etc..)
- ❑ Help them regain confidence and sending them back in the society & making them self-sustainable (training, e Learning's, job consulting, micro financing etc.)
- ❑ After Care & lifestyle management (meditation portal, various mobile app devoted to this etc., etc..)
- ❑ Knowledge Community targeted to substance abuse and treatments.
- ❑ Well known problem of health care infrastructure. Workforce and facilities are undersized for aging population.
- ❑ Rigid boundaries between public health and the medical treatment of individuals
- ❑ Promise and hype of big data and analytics, but little progress
- ❑ Proliferation of data acquisition devices
- ❑ Hunger for all the data across industry can be monetized
- ❑ Combination of government reform and consumerism is driving the health care industry shift from fee-for-service (FFS) to fee-for-value (FFV) – sometimes termed “accountable care.”

# Commercial Enterprise

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- A. Healing, rehabilitation
- B. After Care, life success
- C. Health monitoring & Management
- D. Patient support services
- E. Institutional support services
- F. Health community & collaboration
- G. Documentation & record keeping
- H. Data Security and integrity

Cyber Security Support

Network/Solution Operations

Technical Support

Insert Other

Strategic Opportunities

*Refine for incubation phase*

# Federal

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Veterans

Remote healthcare

Rural Broadband

Vocational training

# US DOD - CORDEV

## Company Overview

CORDEV Inc. is a privately held small business providing Information Technology and Telecommunication support services to the U.S. Government and commercial clients since 1991.

Headquartered in Falls Church Virginia, the company has established a reputation as a value added service provider that consistently exceeds customer requirements and expectations. With over fifteen years of experience in providing IT and Telecommunications services to US Military installations, we have developed a highly knowledgeable and effective organization.

Our size and culture allow us the flexibility to rapidly react to the ever changing technology of the Telecommunications and IT worlds. We have the experience and knowledge to support projects that range in size from a single building to campus and multi-site enterprises.

Both our Headquarters and our client site teams work under a ISO 9001:2000 Quality Management Program that governs how we deliver customer support. Customer Service and Customer Satisfaction are the primary tenets of our corporate mission statement: CORDEV, Inc. is committed to providing Quality products and services that continually meet and exceed our customer's expectations.

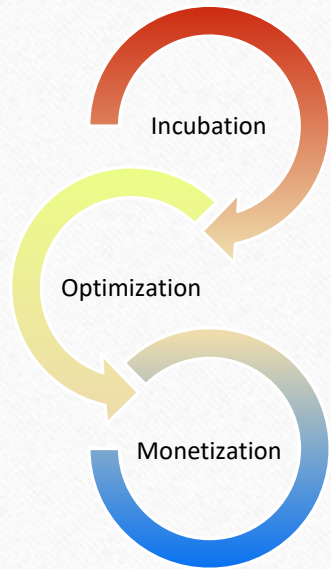


# Supporting Material and Research

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# Financials

*Under  
Development*



# Business Model Canvas – Innovation and Differentiation

## Key Partners

- Who are our key partners in our supply chain?
- Who are our key suppliers?
- Which key services/resources are we receiving from our partners?
- Which key activities do partners perform and their motivations behind them?

Text Goes Here

## Key Activities

- What key activities are necessary to deliver our value proposition?
- Consider our company's unique differences in revenue streams, distribution channels and customer relationships.

Text Goes Here

## Key Resources

- What key resources, teams or assets are necessary to deliver our value propositions?
- Our distribution channels?
- Customer relationships?
- Revenue streams?

Text Goes Here

## Value Proposition

- What value do we deliver to the customer? Investors?
- What customer problems are we helping to solve?
- What bundles of products and services are we offering to each segment?
- Which customer needs are we satisfying?
- What is the minimum viable offering?

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## Customer Relationships

- How do we get, keep and grow customers?
- Which customer relationships have we established?
- How do we interact with our customers?
- Service Boundaries/scope?
- How are they integrated with the rest of our business model?
- What is our support model? (People, platforms, tools, M&Ps)

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## Channels

- How do we deliver our value proposition?
  - Through which channels do our customer segments want to be reached?
  - How do we build an integrated and efficient delivery (supply, distribution, marketing, communication, support)?
- Social assumptions and influence?

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## Customers

- How do we get, keep and grow customers?
- Which customer relationships have we established?
- How are they integrated with the rest of our business model?
- Define Where is our sweet spot when compared to Hook'd objectives?
- Segmentations (markets, services, etc.).

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## Cost Structure

- What are the most important costs drivers inherent to our business model? How do key activities and key resources contribute to the cost structure (phased growth)?
- How does cost related to revenue streams? Can we differentiate, model and measure against our core objectives?
- What is our primary focus/positioning? (Margin, Growth, Units sold, footprint)

Text Goes Here

## Revenue Streams

- For what value are our customers really willing to pay? (emotional vs practical decision making).
- For what do they currently pay?
- What is the revenue model?
- What are the pricing strategy and tactics?

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# US Healthcare Market

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**Target Market #1:** The initial addressable market is adult smartphone user in the US.

50 over 50: In the US, 50 million people >50 yrs. old uses smartphones.

70 million people in the U.S. are using wearable tracking devices to monitor their physical activity, sleep patterns, calorie consumption, and a whole lot more.

The overall healthcare market 2014 was \$ 2.8 trillion (2014) [1] in US, and \$100 billion (2014) in India, with a CAGR of 22%

In US, 1 out of 6 doctor visits were virtual in 2014, with the addressable market in the range of \$50 to \$60 billion [3]

There are 100's of mobile apps that aggregate haptics

There is trillion-dollar spending in healthcare

**Target Market #2: Millennials/GenY** (need to add supporting data)

# About Akal Institute

Transforming Lives

## Turning Scars to stars \* AKAL Institute \* Transitional Living Centers

**Mission** – The mission of AKAL is to develop integrated wellness center(s) that can be deployed across the U.S. and are designed and operated in a manner that provides a cost-effective, success-driven approach to addiction recovery that addresses transitional living leading to self-sufficiency.

**Objective** – Enhance the recovery of individuals to a happy, useful and whole life.

### **Akal Institute implements this mission through our multiple platforms:**

- AKAL Transitional Living Centers Our group living environments are steppingstones for recovering individuals to fuller healthier responsible, self sufficient and happy lives.
- AKAL Financial Services- Provides a variety of banking programs and financial training to recovering alcoholics and drug addicts.
- AKAL Industries- Our for-profit holding company that serves as the engine for our self sufficient, social entrepreneurial structure
- AKAL Capital- is a revolving line of credit for the development of Facilities for treatment of harmful addictions  
AKAL Thought- Is our think tank and advocacy group that impacts public policy issues affecting the treatment of harmful addictions
- AKAL Real estate investment trust, specializing in sober living facilities

<http://www.blueridgeprojects.com/>

[www.akalinstitute.org](http://www.akalinstitute.org)

<http://www.cordev.net/>