EXECUTIVE SUMMARY
**THE ART OPPORTUNITY**

**ART** IS AT THE **FOREFRONT TO CAPTURE** THE UNDER-TAPPED ASPHALT AND CONCRETE REPAIR MARKET.

**AN $84,000,000,000,000 MARKET**

Asphalt and Concrete Repair Represent an $84 Billion business in the United States alone.*

$38B

**CONCRETE MAINTENANCE**

National Average: $38B Per Year
DOT, municipality, parking lots, driveways, bridges, sidewalks, stairs and parking structures.

$46B

**ASPHALT MAINTENANCE**

National Average: $46B Per Year
DOT, Municipality, Parking Lots, Driveways

*Source: Department of Transportation Statistics 2011 /FHWA, TTI FWHA 70B Asphalt industry 2009 FWHA 56B Concrete industry 2009 FWHA 333.9 M in Emergency Federal funding 2014 FWHA 10.8 B Bill released 8/8/14 Obama *
PAST PROJECTS

BEFORE

AFTER
PAST PROJECTS

BEFORE

AFTER
PAST PROJECTS

DEER VALLEY RESORT

BEFORE

AFTER
PAST PROJECTS

BEFORE

AFTER

LAS VEGAS MOTOR SPEEDWAY
PAST PROJECTS

BEFORE

AFTER
PAST PROJECTS

BEFORE

AFTER
A triangle is one of the most basic shapes in geometry.

A triangle is also referred to as a “simplex”, which is a polygon shape with three sides joined at their ends.

“simplex” are used as building blocks and these spaces are built from simplexes glued together.

The simplex is an important part of ART because it is a SIMPLE process for repairing concrete and asphalt damage.

Innovation, Quality and Integrity (IQI) are our core values and the basis of our culture. These values define how we want to conduct ourselves and our business, and help us to create value for our franchisees, our customers and our organization.
OUR CORE VALUES

INTEGRITY
We “honor commitments” and “keep promises”

QUALITY
We will “do it right” the first time.

INNOVATION
We establish ourselves as the “best in the industry for developing innovative ideas” and successfully putting them into practice to better serve our community and customers.
Epoxy Asphalt Concrete is a polymer concrete with a 47-year history as an extremely durable bridge deck surfacing. Since 1967 over 450 million pounds (225,000 tons) have been installed on bridge decks totaling over 120 million square feet. Installations have exhibited excellent performance, including the San Francisco-Oakland Bay Bridge where 240,000 vehicles travel each day. The ¾ inch (19mm) overlay surface has withstood more than 37 years of extremely heavy use (over 3 billion vehicles since installed).

Epoxy has been used on bridge decks for over 47 years. Most states now use epoxy on every bridge deck that is constructed due the number of years it prolongs the decks life.

- Has patents pending on the mix design, which meets the specifications of FHWA.
- The National average cost to the Department of Transportation is $300.00 - $389.00 per square-foot. This is a proven technology that all states recognize.
- The process is a variation of an excepted practice in all 50 states by the Federal Highways Administration.
Richard Paul Giles is a successful inventor, entrepreneur who holds numerous patents with several more pending and has received many awards and recognition.

Founded an Eco-friendly preservation and repair equipment company in 2005 which outperformed all alternative methods of pavement repair. The organization was purchased in 2011.
<table>
<thead>
<tr>
<th>Organization</th>
<th>Description</th>
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<tbody>
<tr>
<td><strong>The American Association Of State Highway And Transportation Officials</strong></td>
<td>Recognized in 2012 by the technology implementation Group (TIG) of the American Association of State Highway Transportation Officials (AASHTO) as an Additionally Selected Technology. TIG selects technologies on yearly basis from around the country. Once selected, AASHTO will market technology on a national level to state DOTs.</td>
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<td><strong>Federal Highway Administration (FHWA)</strong></td>
<td>Investigating ways to implement pavement preservation technology on a national level such as “Highways for Life”, a program similar to the AASHTO TIG. Once accepted, FHWA will market this technology to state DOTs on a national level and within the National Parks system.</td>
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<td><strong>Texas Department of Transportation</strong></td>
<td>Completed a pilot program in association with Texas Transportation Institute (TTI). TxDOT is in the process of developing a specification for use of the Pavement Preservation Process for TDOT roadways.</td>
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<td><strong>Utah Department of Transportation</strong></td>
<td>Implemented written specifications for repairing UDOT roadways with the Pavement Preservation Process. Orange Book pilot projects are being explored as part of the UDOT Pavement Preservation program.</td>
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<td><strong>Utah Local Technical Assistance Program (LTAP)</strong></td>
<td>Identified a pavement Preservation Process as a technology of interest and is including the process in its presentations. To Utah municipalities and agencies. Presented as part of the LTAP 2011 Asphalt Conference and LTAP Road School April 2011.</td>
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<td><strong>Union Transit Authority (UTA)</strong></td>
<td>Pavement Preservation Process in Pavement management program for all park and ride facilities.</td>
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<tr>
<td><strong>Union Pacific Railroad (UPRR)</strong></td>
<td>Incorporated a specification of Pavement Preservation Process for UPRR inter-modal facilities pavement management program.</td>
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Advanced Resurfacing Technologies is the creator of a revolutionary patent-pending Hybrid Composite concrete repair technology.

The 30 Minute Concrete Repair Formulation withstands all the environmental elements of full range of moisture, chemicals and temperature variations.

After years of extensive research, ART is pleased to provide this product to the public through the ART Area Developer Partners.

First ever repair technology to provide a 12 year product warranty on concrete repair.

**THE ART 30 MINUTE REPAIR SIMPLY OUTLASTS ALL COMPETITION**
**WHAT IS ART**

**ART** is a innovative patent-pending technology to repair damaged and deteriorated asphalt and concrete.

**ART** technology leverages a proprietary Hybrid Composite formulation and specified aggregate sizing with a unique application process that extends the expected life of the repair.

Testing by nationally certified laboratories has proven is effective in all weather conditions.

Traditional pothole patches have life expectancy between 2 weeks & 18 months. **ART** has a product formulation guarantee of 12 years for concrete.

**ART** is applicable for Airport Runways, City streets, commercial parking lot repair, residential driveway & foundation repair.

Specifications meet all State Department of Transportation & Federal Highways Administration criteria.
THE Art 30 MINUTE REPAIR IS AN INSTANT APPLICATION
and applicable for Foundations, Roads, Curbs, Speed Bumps, Parking Lots, Concrete Pads, Universities, Utilities, Airports, Military Installations, Residential Driveways, Side-walks, Quick Liability Resolution and many more.

BEFORE

AFTER
Polymer Concrete (PC): formed by polymerizing a mixture of a monomer and aggregate. Depending on the materials employed, PC can develop compressive strengths of the order of 140 MPa (20,000 psi) suitable for emergency concreting jobs in mines, tunnels, and highways.

In the case of PC, by effectively sealing the micro cracks and capillary pores, it is possible to produce a virtually impermeable product of ultimate. PC has been used for the production of high-strength pre-cast products and for improving the durability of bridge deck surfaces. Polymer concrete (PC) is a mixture of aggregates with a polymer epoxy resin as the sole binder. To minimize the amount of the expensive binder, it is very important to achieve the maximum possible dry-packed density of the aggregate.

Commercial products are available with a variety of formulations, some capable of hardening to 105 MPa (15,000 psi) within a few minutes without thermal treatment. Polymer Epoxy resins are higher in cost but offer advantages such as adhesion to wet surfaces. Due to good chemical resistance and high initial strength and modulus of elasticity, industrial use of PC has been mainly in overlays and repair jobs.
## Why ART is Better

<table>
<thead>
<tr>
<th>Traditional Concrete</th>
<th>ART 30 Minute Repair</th>
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<tbody>
<tr>
<td>5,000 PSI</td>
<td>20,000 PSI</td>
</tr>
<tr>
<td>No Warranty</td>
<td>12 Year Warranty</td>
</tr>
<tr>
<td>Days To Weeks</td>
<td>30 Minute Repair</td>
</tr>
<tr>
<td>Summer Months</td>
<td>Year Round</td>
</tr>
<tr>
<td>Complete Closure</td>
<td>Minor Disruption</td>
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</tbody>
</table>

### Strength

- **Traditional Concrete:** 5,000 PSI
- **ART 30 Minute Repair:** 20,000 PSI

### Product Warranty

- **Traditional Concrete:** No Warranty
- **ART 30 Minute Repair:** 12 Year Warranty

### Application Time

- **Traditional Concrete:** Days To Weeks
- **ART 30 Minute Repair:** 30 Minute Repair

### Application Period

- **Traditional Concrete:** Summer Months
- **ART 30 Minute Repair:** Year Round

### Traffic Disruption

- **Traditional Concrete:** Complete Closure
- **ART 30 Minute Repair:** Minor Disruption
# COST COMPARISON

## TYPICAL SIDEWALK SECTION REPAIR

<table>
<thead>
<tr>
<th></th>
<th>Machinery</th>
<th>Labor</th>
<th>Product</th>
<th>Application Time</th>
<th>Cure Time</th>
<th>Product Warranty</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ART 30 Minute Repair</strong></td>
<td>$0</td>
<td>$125*</td>
<td>$125</td>
<td>30 Min.</td>
<td>60 Min.</td>
<td>12 Year</td>
</tr>
<tr>
<td>Traditional Concrete</td>
<td>$450</td>
<td>$250</td>
<td>$55</td>
<td>8 Hrs.</td>
<td>24 Hrs.</td>
<td>None</td>
</tr>
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</table>

- **Total Cost for ART 30 Min. Repair** $250
- **Total Cost for Traditional Concrete** $755

* Prep work may be required and charged by the hour.
STRATEGIC PARTNERS
Overview:
Dimensionally accurate color point cloud mapping. Instant colored 3D model creation through SLAM technology. Real-time marker-less camera for tracking and measuring volume. Real-time quality data feedback and review.

Real time marker-less camera tracking.
Screen Size: 8 inch. Full 6-dof, mm-accurate indoor positioning. Device Size: 23 x 27 x 8 cm. Instant colored 3d model creation. Interfaces: USB, WiFi, 3G. Real time occlusion maps. Capacity: 16 GB or 32 GB. Relocalization and place-recognition. Export Formats: PTS, PTX, PLY, PTG, Cyclone™ All processing on tablet no laptop needed. 3rd party access through an API Sensor. Range: 60 cm to 4 m (2 to 12 ft.) Cloud-optimized 3D-scan compression.

What is ART 3DVC?
3D Visualisation Calculator technology gives a mobile device the ability to navigate the physical world similar to how we do as humans. This brings a new kind of spatial perception to the device platform by adding advanced computer vision, image processing, and special vision sensors. Depth sensors can tell you the shape of the world around you, understanding depth lets your virtual world interact with the real world in new ways. ART 3DVC devices can use visual cues to help recognize the world around them. They can self-correct errors in motion tracking and relocalize in areas they’ve seen before.

leading-edge platform that brings devices a new level of awareness through area learning and real-time 3D motion & depth sensing.
AREA DEVELOPER MODEL

FRANCHISING INC.

CONCRETE SOLUTIONS

NEVADA (SOLD) ARIZONA UTAH

100K POPULATION 100K POPULATION 100K POPULATION

FRANCHISEE FRANCHISEE FRANCHISEE

AREA DEVELOPER AREA DEVELOPER AREA DEVELOPER

NEVADA (SOLD) ARIZONA UTAH

Royalty (7.5%) Split and Initial Fee ($25K to AR & $5K to A.R.T LLC)
Area Rep Agreement ($250K)

Royalties and Initial Fees
Franchise Agreement

Revenue Stream Support Line

20 FRANCHISEE 20 FRANCHISEE 20 FRANCHISEE
100K POPULATION 100K POPULATION 100K POPULATION
OUR OBJECTIVES

1. Accelerate Company Growth by creating an Area Representative Partnerships totaling 160 Nationwide.


3. Each ART Partnership has a population of 2 Million people and up to 20 franchisees.