# Smart*SOLUTIONS*™

# **PMC** INSIGHT







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# **Discussion Points:**

- 1. Introduction
- 2. What's Driving the Market
- 3. How We Add Value
- 4. SaaS Recurring Revenue & Customer Expansion
- 5. Moonshot Growth Opportunity
- 7. 1.5MM Round gets PMC Insight, Inc to 10MM in YR
- 8. Questions and Answers



Smart*TEAM* 







# In the News

Covid 19 made corporate boundaries **invisible** and **difficult** to manage. This new macroeconomic transformation caused by the pandemic introduced **new challenges** for critical **infrastructure management**.

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#### 'Crash Override': The Malware That Took Down a Power Grid

In Ukraine, researchers have found the first real-world malware that attacks physical infrastructure since Stuxnet.





## POTENTIAL CAUSES OF LOAD INTERRUPTION OR DOWNTIME



- Poor Training
- Distractions
- Fatigue
- Rushed Work
- Accident



- Telecomms Failure
- Water Leakage
- Power Outage
- HVAC Failure
- Generator Failure

**EVENTS** 

Medical Emergency



- Earthquake
- Tornado
- Hurricane or Typhoon
- Snow/Ice Storm
- EMP



2017.

Hartsfield

Jackson Atlanta

Equipment failure

knocked out the power

to the busiest airport of

the world in December

Gulf Coast Florida / New Orleans Hurricanes: Iban, Charley, Francés, Katrina, etc.

Millions of customers without power, water. food and shelter. government records lost due to flooding



#### California

PG&E implemented a 48hour power shutoff as a preventative measure to control the wildfires

California's economy suffered a \$2.5 billion blow San Francisco, CA

Data Center Backup Power Generators failed

40.000 customers directly affected. Internet users worldwide couldn't access internet sites



Human decisions by various organizations, corporate & industry policy deficiencies, inadequate management

50 Million People affected due to the 61,800 MW of capacity not being available





Dallas TX Tornado & Storms (10/21/2019)

Disaster declaration in 16 counties. More than 140,000 with no power for several days



• Fire

Explosion

Terrorist Threat

Theft: Virtual or

**Physical Assets** 



## **The Market**

## Data Centers and Commercial Buildings

Data centers in commercial buildings represent a \$100B market which is growing rapidly. These data centers store, maintain and protect trillions of files, applications, transactions and processes which have become critical to the function of every aspect of our lives.



## In the News



### Loudoun Land: 'The Most Sought-After Asset'

The industry is expected to generate \$586 million in revenue for the county in 2022, creating \$11.50 in local tax revenue for every \$1 of services provided, according to the Loudoun County Department of Economic Development. "We are the number one market in the number one growth industry in the country," said Buddy Rizer, the Executive Director of Economic Development. "It's the most soughtafter asset class in communities across the country. SOURCE: Data Center Frontier

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# The Challenge - Human error and Legacy Systems

### HUMAN ERROR ACCOUNTS FOR 65% OF SERVICE INTERRUPTIONS, THIS NUMBER WILL INCREASE WITH THE SILVER TSUNAMI



The sustainability of remote ways of working continues to come into question.



A study found that employees in general, tend to lose 50% of the information in an hour, 70% in 24 hours and 90% in a week.

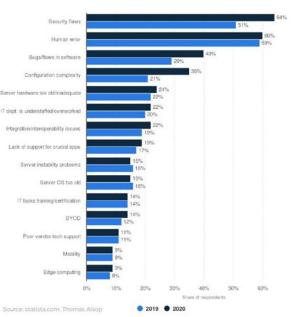


### Antiquated Data Collection and Communication

There are many interconnected systems with many moving parts all require a manger to physically monitor and manage all of these systems and components manually



The industry is facing a wave of retirement unlike any other. Often referred to as the "Silver Tsunami," thousands of experienced workers are retiring daily. This unprecedented talent loss is draining the industry of its ability to train and retain the incoming workforce. What issues most negatively impact reliability & cause downtime for server hardware, server OS platforms in 2019 and 2022





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Mission Critical Advisory Services & Training



Value – Benefits – Solution

Mission Critical Facilities Process Management Platform

## Performance Through Knowledge & Visualization

### We Help People Be Prepared

## We Help People Be Aware

Digital handbook and support for sharing assessments and best practices to continue performance improvement

- Customized and Branded Learning Management
   System
- Comprehensive Industry Content Blended with Your Corporate Content
- Critical Awareness Concepts, Handbook, and Site Training
- Customized Technical Operational Programs
- Generic Library of Operational Procedures & MOPS
- Virtual Training Platform
- Information Sharing Network

Mobile/Web Automated Facilities Process Management System with open API engine, along with digital documentation, assets, and knowledge transfer program

- SmartWALK Rounds & Readings, Document Library, Logbook, Reporting, & Enterprise
- Custom Audit/Assessment Mobile Solutions
- CMMS Integration
- Assessments, Audits, Testing & Commissioning
- Transition-to-Operations
- Engineered Safety and Reliability

### We Help People Understand

Smart*vue* 

Superior Enterprise Operational Performance - with access, visualization and analysis of assets, systems and processes on a global scale

- Flexibility to integrate with IoT sensors, BMS, CMMS systems, in addition to other disparate data sources, Robotics, AI, and Machine Learning
- Achieves "urban telepresence", significantly enhancing decision making cycles & human intuition to increase situational awareness
- Provides intelligence, monitoring, alerting and tracking of people, property and equipment
- Deployed on Cloud, On-prem, SDN or Hybrid

# Smart<sub>SOLUTIONS</sub> 2022 Goal – Complete Product Integration

## Fully Developed & Deployed to Fortune 1000 Enterprise Global Customers

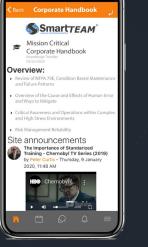
PMC Insight Focus Overlay Analytics, AI, IoT, Smart*GEAR* & Robotics

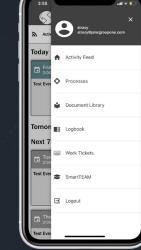




### Hosted and Protected by

Azure Cloud
Infrastructure &
Security







### Knowledge Transfer

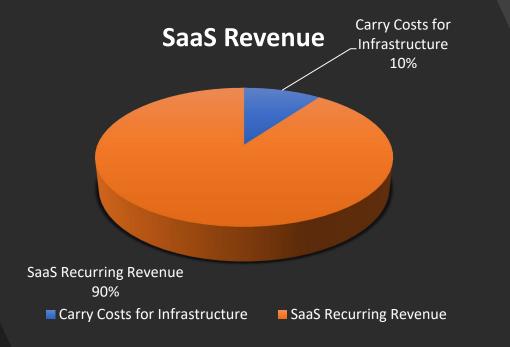
Smart*team*®

Operations

### Visualization

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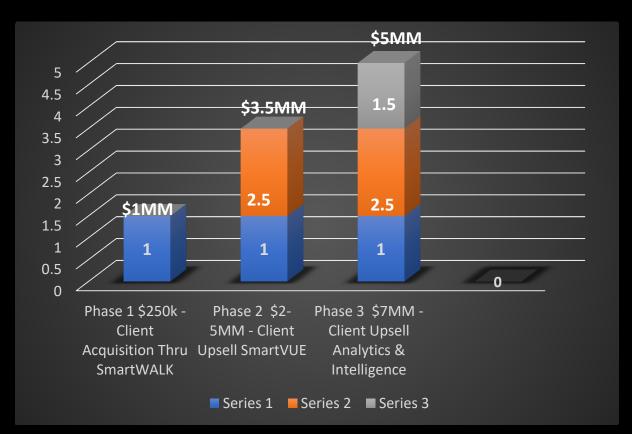
# SaaS Revenue Model



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\* Currently working on improved architecture, which will lower infrastructure and implementation costs.

# Growth of PMC Insight Phased Client Growth Approach



## Market Traction – How We Get to \$1B in Recurring SaaS Revenue

### **CLOSED DEALS**

### **PROOF OF CONCEPT PROJECTS**

Association of Facilities Engineers BlackRock BNP Paribas Mount Sinai Hospital Northwell Hospital JLL/Chase

NationalGrid

TAM – Total Addressable Market > \$100B Market CBRE

CitiGroup

Cold Spring Harbor Laboratory

Colliers Property Management

Credit Suisse

Cushman and Wakefield

CyrusOne

**Digital Realty Trust** 

Empire State Realty Trust

Evoque Data Center Solutions HCA: Healthcare Association

JLL

New York Presbyterian Hospital

Newsday

**Related Properties** 

Siemens

Travelers

**US Healthcare Vertical** 

Wells Fargo





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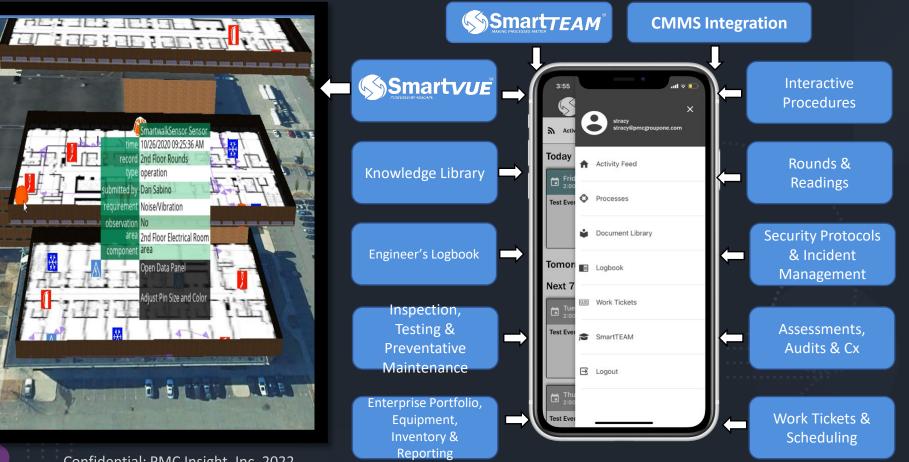
## Market Opportunity – Global Industry Reach



We educate the next generation of mission critical professionals and provide the technology and visual tools necessary to reduce risk and create enterprise culture, standardization, and consistency for the industry.



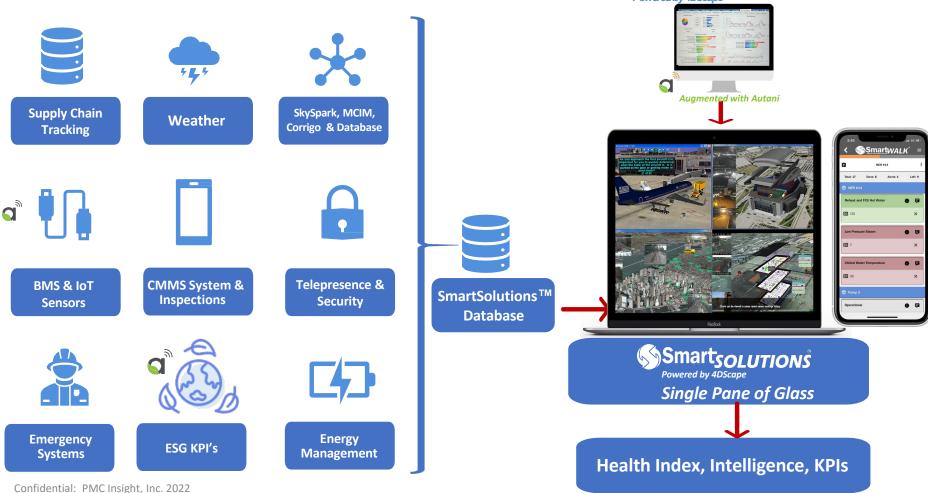
## Open Architecture



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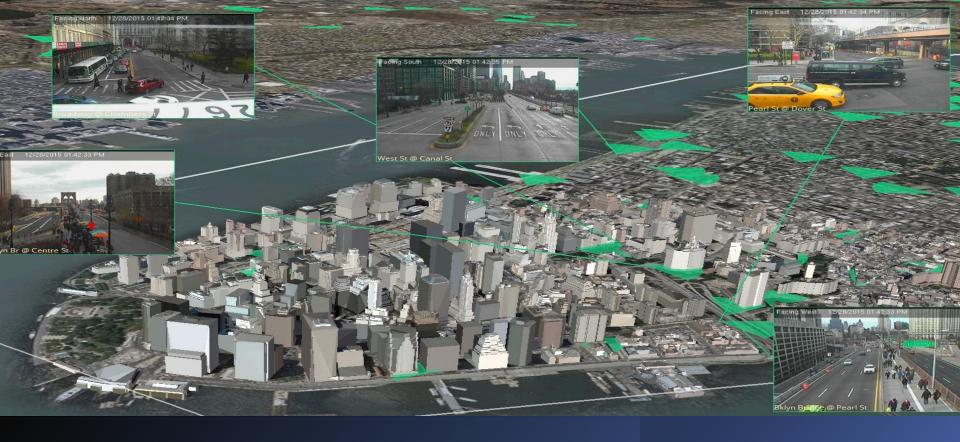
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## System Integration, Analytics, and Intelligence



Smart<sub>solutions</sub>

Powered by 4Dscape



Urban, Regional, First Responder & Infrastructure Telepresence

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## Market Traction - Platinum Global Customer Reach





### **Published Patents**

## Active Patent Information

- Programmable Power Management Controller
  System and Method for Processing
  Cloud Based Server
  Facility Walkthrough
  Facility Operations Management
- Facility Operations Management

(US20130046415A1) (AU2003295530A1) (US10170018B2) (US20180165565A1) (US20170024115A1) (CA2942668A1)

# Financials

### **Revenue Model**

- Software as a service (SaaS) model
- Customized premium upgrade modules sold a-la-carte.
- Additional revenue sources: SmartWALK, SmartVUE, SmartTEAM, SmartTEAM™ COVID-19, Intelligence, Analytics
- In Development: Robotics, SmartGEAR™, IoT, and AI/ML, AR/VR

### **Existing Customers & Near-Term Sales Pipeline**

- SmartWALK® and SmartTEAM®: Northwell Health System, BlackRock Financial, BNP Paribas, Mount Sinai Hospital, JP Morgan Chase, AFE, Bank of NY Mellon, National Grid
- Sampling of Prospects: Empire State Realty Trust, Credit Suisse, Wells Fargo, Evoque Data Centers, CYRUS One, Citi Group, New York Presbyterian Hospital, Colliers Property Management,, Xerox, JLL, CBRE, US Healthcare Vertical

### Financial Forecast (assumes full funding goal is received in 2022)

\$ in millions	Since Inception	Y1	¥2	¥3	¥4	¥5
Sites	100	400	1700	4200	7950	12950
Revenue	\$2.0	\$10.0	\$31.6	\$72.6	\$127	\$198



# PMC Insight, Inc - The Ask

Funding Stage One: 1.5 MM gets us to 10MM Year One

# \$1,500,000 ROUND



30%

### 300k

- Marketing Campaign Global
- Conference Participation

### 450k

- Senior Management Leaders
- Additional Development Support
- Additional Implementation Support





### 300k

- Expanding Global Client Support Technology Team
- Enhancing MS Azure Tools and Relationship to Scale Enterprise Customers

### 450k

- Next Phase of Product Development, Automation, Reporting
- Product Integration to Compete With Other Legacy Platforms
- User Interface with strategic partner platforms





# Team



## Peter M. Curtis

Peter is a veteran mission-critical operations professional, author, and industry speaker with more than 30 years of experience in the mission-critical engineering industry. He is the author of "Maintaining Mission Critical Systems in a 24/7 Environment" and three other books and teaches at NYIT and Marist College. He founded PMC Group One in 1998.

in linkedin.com/in/peter-curtis-ba66976/



### Rey Parma cto

Rey has more than 25 years of experience leading technology design and development teams that impacted major organizations, including Citibank, Jetblue, JPMorgan Chase and Goldman Sachs. At PMC Group One, he led the application development of the Connecticut Clean Energy Fund Project and worked on the innovative MC Monitoring and MC Access products that have evolved into the SmartSOLUTIONS product suite. With a background in Computer Science, Electrical Engineering, Artificial Intelligence and Robotics, Rey is responsible for the delivery of exciting new features in the SmartSOLUTIONS product roadmap that include Industrial Internet Of Things, robotics, data analytics and AI.

https://www.linkedin.com/in/rey-parma-1b95b92/



### Belinda-Leigh Hall CHIEF OPERATIONS OFFICER

Belinda is an experienced, dynamic and innovative global business development executive with a proven track record of expanding companies into new and emerging markets, working in all major sectors. She works in a collaborative team-based environment, where she has succeeded in creating strategic partnerships and expanded existing relationships that enhanced revenue and strengthened the company's value.

https://www.linkedin.com/in/belinda-leigh-hall-53761812/



#### **Thomas Corona**

#### CHIEF TECHNOLOGY INNOVATION OFFICER

Thomas brings more than 30 years of experience extensive experience in managing hard and soft facility services, engineering services, data center operations and infrastructure capital improvement projects. Thomas was responsible for the service delivery of facilities services, engineering operation, capital improvement and data center operations for approximately 15 million square feet of space; which included a team of 200 employees in a union environment and an operating plan of approximately \$250+MM.



# Team



#### Kevin McCarthy

#### DIRECTOR OF ENGINEERING

Kevin is an accomplished senior level leader with over 30 years of experience. Kevin'responsibilities include the specification, design, installation, and commissioning of mission critical electronic and electrical systems including generators, UPS equipment and associated switchgear and distribution systems. He has also prepared SOPs, MOPs and CxPs for several major clients' data centers. He provides client centric recommendations to improve reliability, technology solutions, maintainability and efficiency of facilities while ensuring overall client satisfaction.

https://www.linkedin.com/in/kevin-j-mccarthy-sr-3811151a/



#### **Nicole Dunn**

#### CUSTOMER SUPPORT LEAD

Nicole works closely with sales to identify customer needs and opportunities for PMC technology to provide automation tools to reduce risk in a customer environment. She is able to parlay her engineering consulting background to provide unique insight into our SmartSOLUTIONS. She consults with the client, documenting their needs and coordinating with the development team to design to customer specifications.

https://www.linkedin.com/in/nicolejdunn/

### Dan Sabino

Senior Mission Critical Engineer

As Engineering Lead, Dan plays an instrumental role in integrating technology with the consulting engineering business and is involved with software testing and development based on real-world engineering applications. His technical wisdom has provided valuable input to PMC Group One to leverage SmartWALK® into electric and communication utilities, publishing, banking/finance, and public service entities.

https://www.linkedin.com/in/dan-sabino-9a241334/



### Vicky Jones

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#### SALES ENGAGEMENT LEAD

With over two decades of manufacturing sales of data center and commercial building products, Vicky is highly effective with assisting business owners, architects and engineers to define customer business requirements, translating them into focused customercentric designs and commissioning of Fortune 500 data centers throughout North America. Vicky takes a consultative approach with her customers, understanding their unique challenges and requirements to develop highly focused custom solutions.

https://www.linkedin.com/in/vickyjones1/



# **Advisory Team**

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#### Omair Tariq STRATEGIC ADVISOR

Omair serves as Strategic Advisor to PMC Group One, as he has a track record of successfully growing startups to near billion-dollar companies, including Cart.com and Blinds.com.



### Jerome Hehir STRATEGIC FINANCIAL ADVISOR

Jerome is a CPA with over 25 years of experience with both large and small firms providing accounting, tax and consulting services. He is proactive with client needs. His strength is to help clients look forward and to plan and put in appropriate structure to help to make important financial, tax and management decisions.

https://www.linkedin.com/in/jerome-hehir/



Paul Yetman, P.E STRATEGIC ADVISOR

Jay Shapiro, P.E. STRATEGIC ADVISOR



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