

VOLTSAFE[®] MARINE





3 INTRODUCTION
The future of shore power is here.

5 HARDWARE
Magnetic shore power connectors that redefine safety.

7 SAFETY & ACCESSIBILITY
Our contacts are safe to the touch.

9 SOFTWARE
Smart energy management that provides effortless control.

13 COST SAVINGS
Multiple streams to unprecedented savings.

15 ECOSYSTEM
We are creating a connected marina ecosystem.

16 SCALABILITY
VoltSafe technology delivers all power levels.

17 ORDER NOW
Future-proof your marina today.

18 TEAM & PARTNERSHIPS
The people who are making it happen.

21 TESTIMONIALS
Find out what people are saying.



The future of shore power is here.

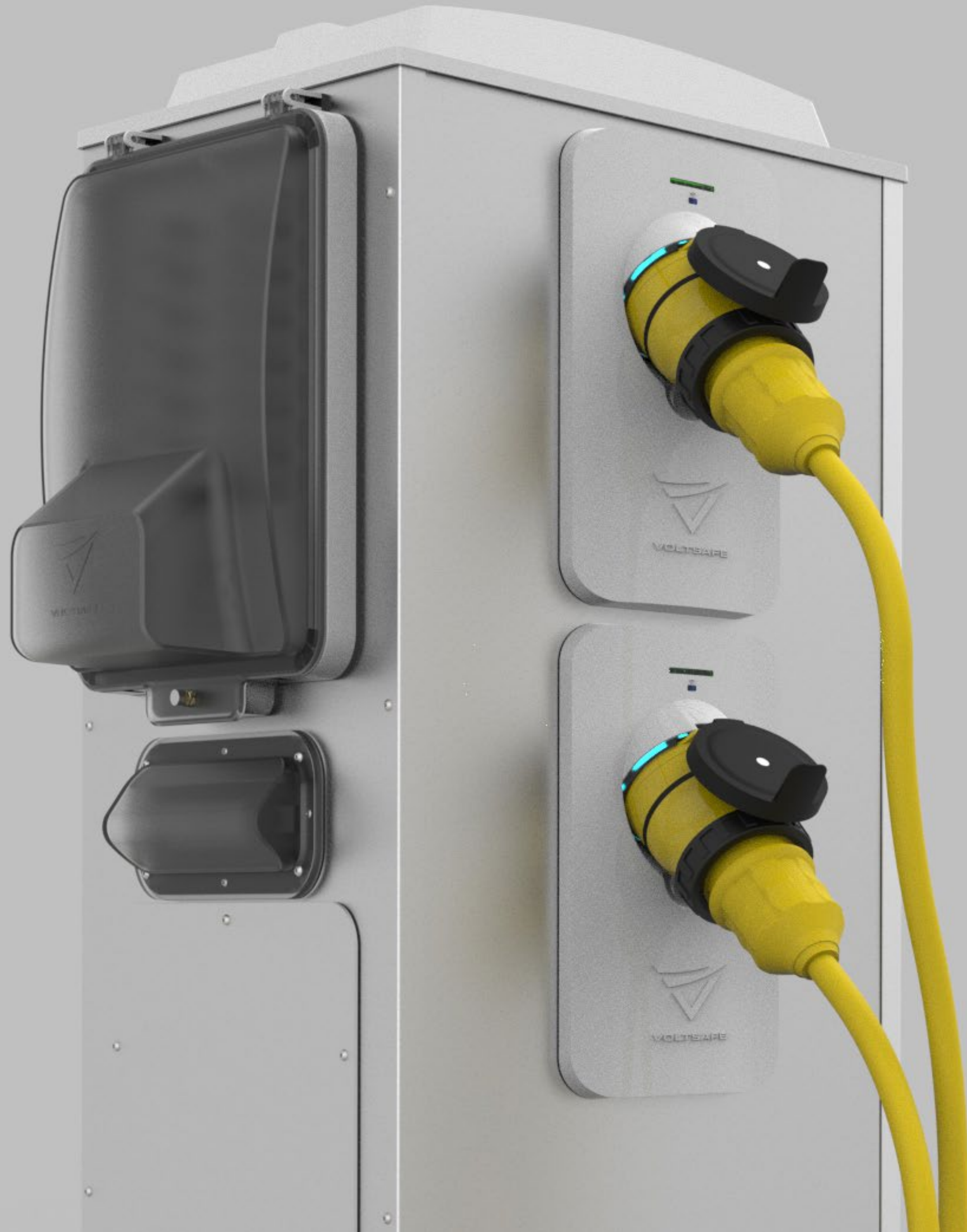
Improve safety and enhance your marina with magnetic shore power connectors and smart energy management that provides effortless control. Protect your investment and reduce costs, while saving time and energy.



IBEX Innovation Award
Boatyard & Marina
Hardware & Software



CES Innovation Award
Vehicle Tech &
Advanced Mobility



> Ensure Safety

Inactive by default eliminates risk of electrocution. No hidden corrosion, arcs, sparks or fires.

> Smartly Manage

Automated billing for every slip. Measures, locates, and notifies for current leakage.

> Improve Efficiency

Monitor temperatures of shore power outlets, and actively manage power for every slip from one dashboard.

> Enhance Accessibility

Intuitive magnetic connection, easily adapts to existing L5-30A cord sets, prevent damage caused by forgetting to disconnect.

> Save Money

Optimized power usage, peak power demand management, prevention of marina infrastructure damage and insurance savings all lead to reduced costs.

Magnetic shore power connectors that redefine safety.

Our technology allows for the conductive metal contacts to be exposed, yet completely safe to touch when disconnected. We utilize magnets and unique electrical fingerprints ensuring electricity to flow only when connected. This process occurs in a span of micro-seconds, effectively eliminating arcing (seen in pronged plugs).

VoltSafe is the only prongless technology in the world that delivers lightning-fast charges without power loss (like pronged plugs) and is not to be confused with inductive charging technology.





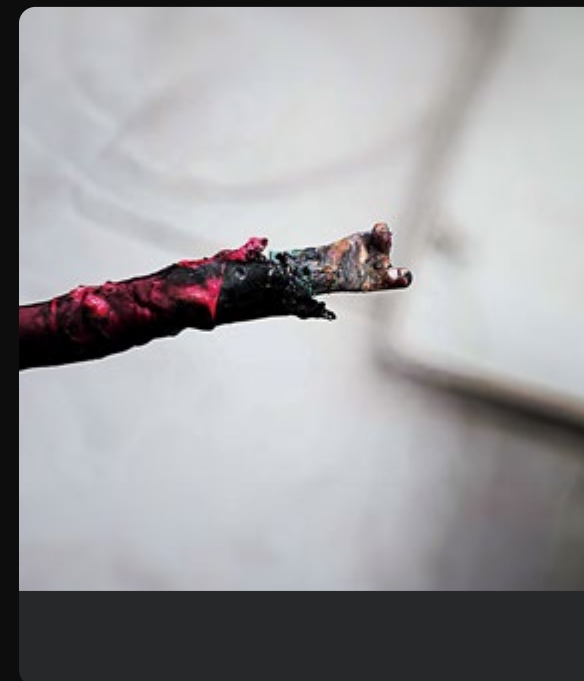
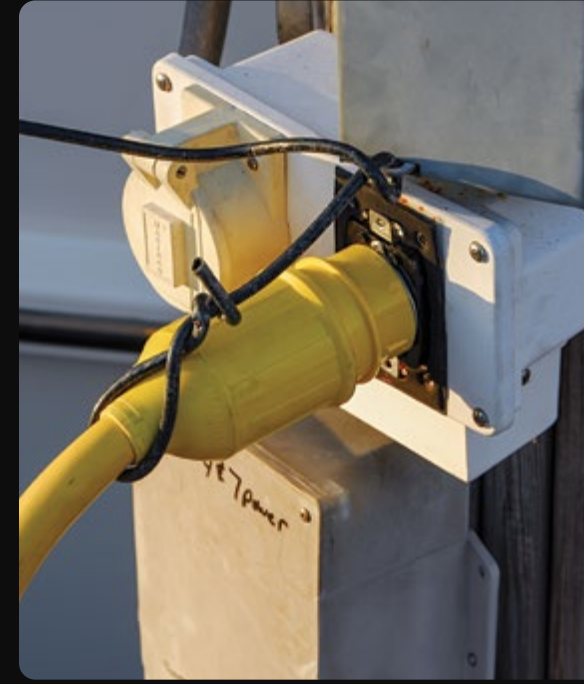
- > Contacts are safe to touch
- > Leakage current detection
- > Waterproof
- > Over-voltage protection
- > Over-current detection
- > No arcing
- > Adaptable contact design
- > UV resistant
- > Aerospace-level safety
- > No moving parts





Visible contacts are safer than recessed contacts.

Marine technicians and surveyors agree that every marina has cords that are ticking time-bombs and well beyond replacement. Hidden corrosion is known to start boat fires. With visible contacts, the connectors are easy to clean, preventing corrosion build-up eliminating the risk of fires.





Our contacts are safe to the touch.

Since the flow of electric current is deactivated when the plug disconnects, it prevents stray current from causing shocks or electrocution, even if the connector is dropped in the water. Simply dry the contacts, and reconnect it.

The magnetic connection easily disconnects when pulled on with some force, such as forgetful boaters leaving without disconnecting, protecting dockside infrastructure from damage and saving thousands of dollars in repairs.

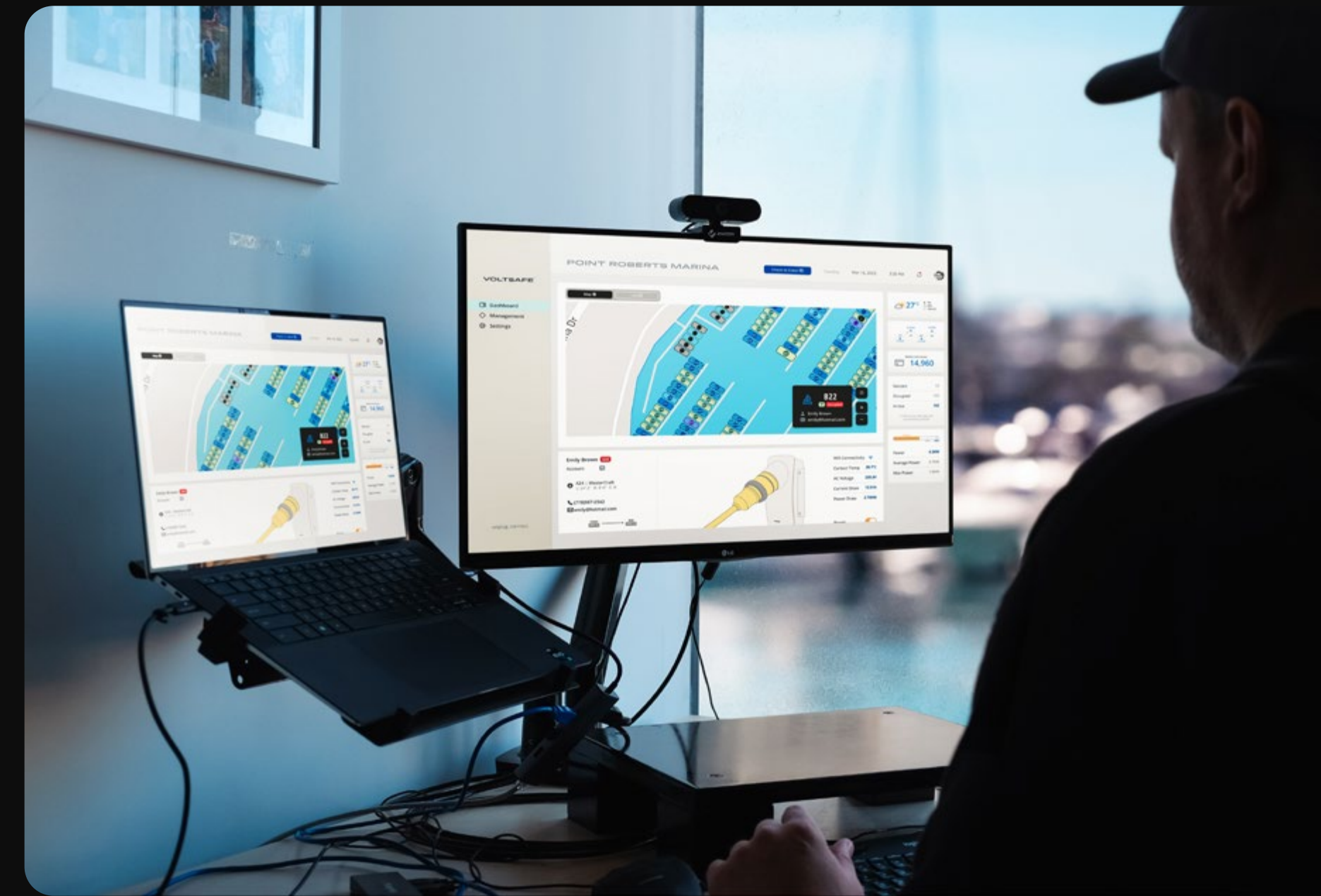
Smart energy management that provides effortless control.

Improve the user experience for both the marina manager and the boat owner. Our proprietary software has unprecedented functionality at your fingertips. You'll be able to control power for every slip from a dashboard and effortlessly manage billing in real-time.

Marina life consists of ongoing critical maintenance and daily tasks that can be overwhelming, making it a daunting and laborious job. With VoltSafe Marine, you can eliminate much of the intensive labour and streamline daily chores with one dashboard.

Take control with real-time power management, automate billing per slip, understand peak demand times, conserve energy and get notifications of plug obstructions, debris or corrosion that can lead to disastrous boat or marina fires.

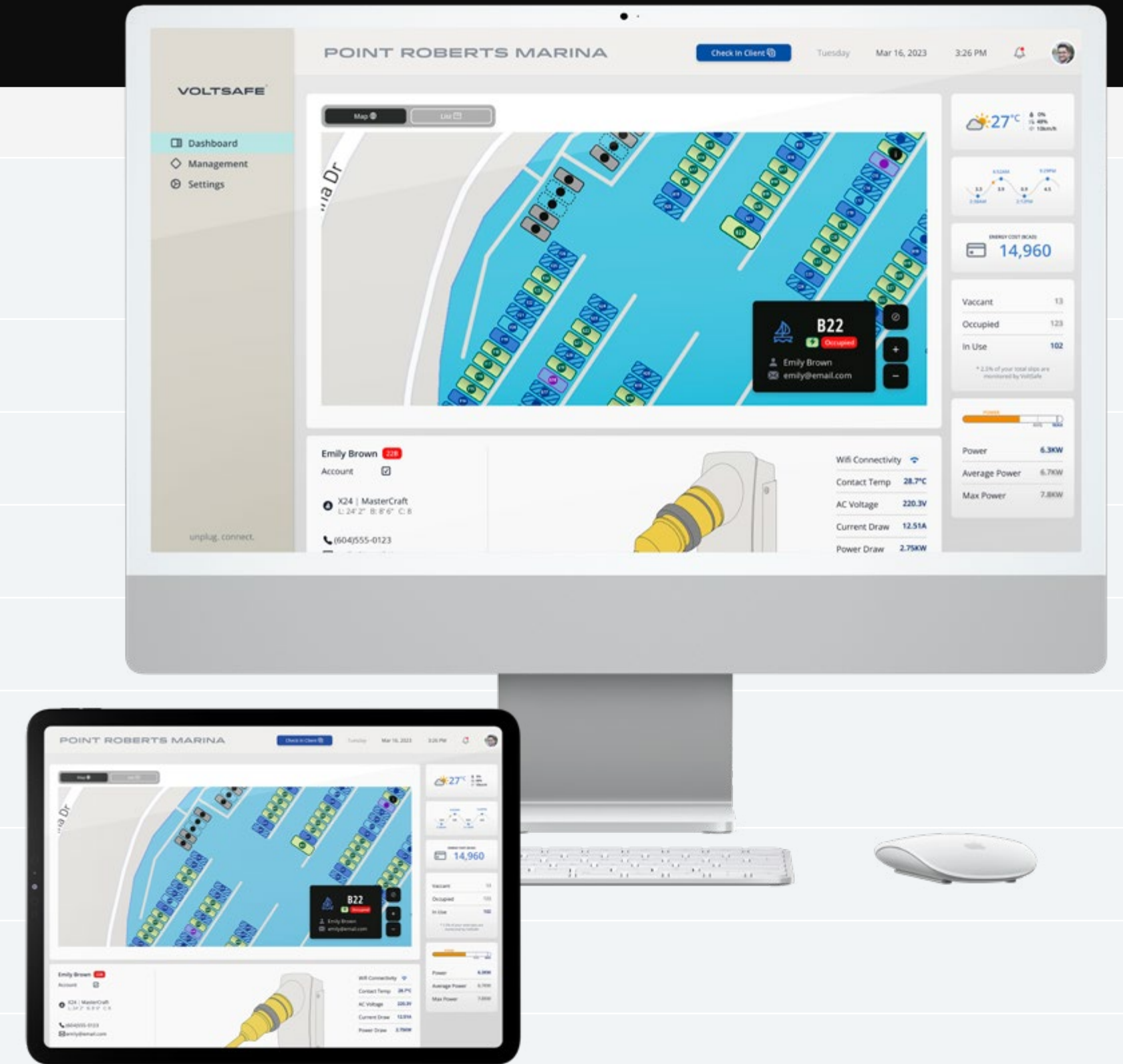
Equally important, you can also monitor and get notifications of dangerous current leakage, eliminating risks of electric shock drownings and understand which equipment is in need of repair - before it's too late.





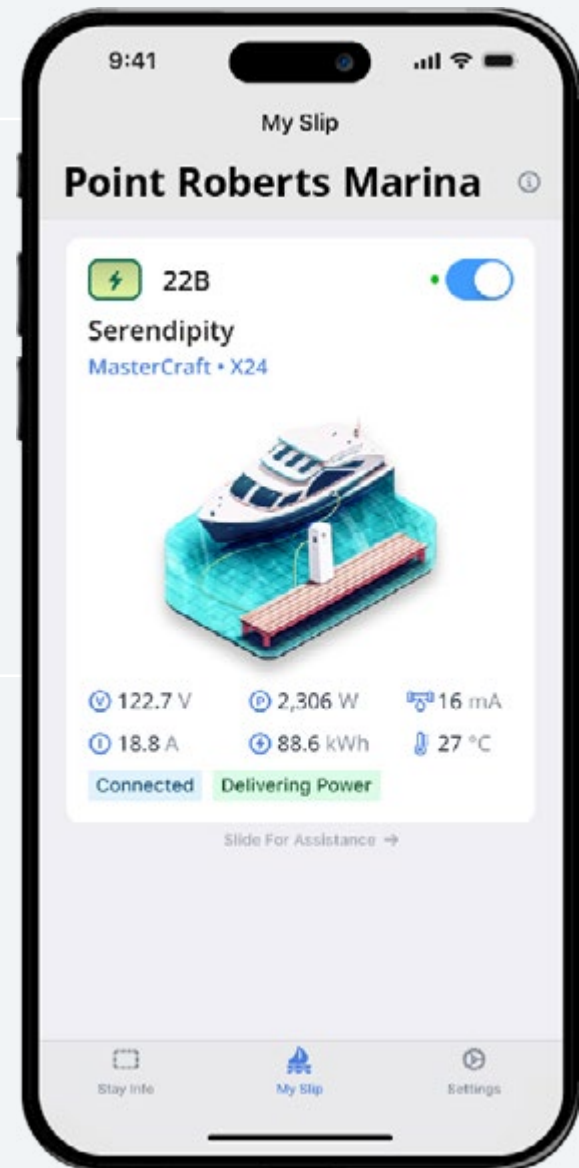
MARINA MANAGER

- > Interactive slip map
- > Real-time status of all pedestals
- > Number of slips available for daily drop in usage (occupancy rate)
- > Monitor vitals like amps, volts, watts, temperature
- > Safety alerts such as current leakage detection, temperature readings and more
- > Alerts when power is disconnected or when plugs need to be cleaned
- > Precise power-metering (utility metering, energy and water)
- > Built-in CRM with utility-metering for transparent billing





BOAT OWNER



Remotely Control Power:

- > Get real-time control with the companion app, effortlessly turning power on or off from anywhere.

Notifications & Alerts:

- > Get notifications if power is ever disconnected, and alerts that prevent potential issues before they happen to keep the boating experience safe and hassle-free.

Safety First:

- > Get critical alerts for current leakage, ensuring the safety of the vessel and the marina environment.

Billing Transparency:

- > With granular utility-metering per slip, boaters have complete transparency to their usage for every kWh and can effectively manage their power consumption and budget.

Boater's App: Making Dock Life a Breeze

The smart energy dashboard doesn't just benefit the marina. Each slip owner will be able to take advantage of the benefits of a user-friendly companion app, making their time at the marina life simple and secure.

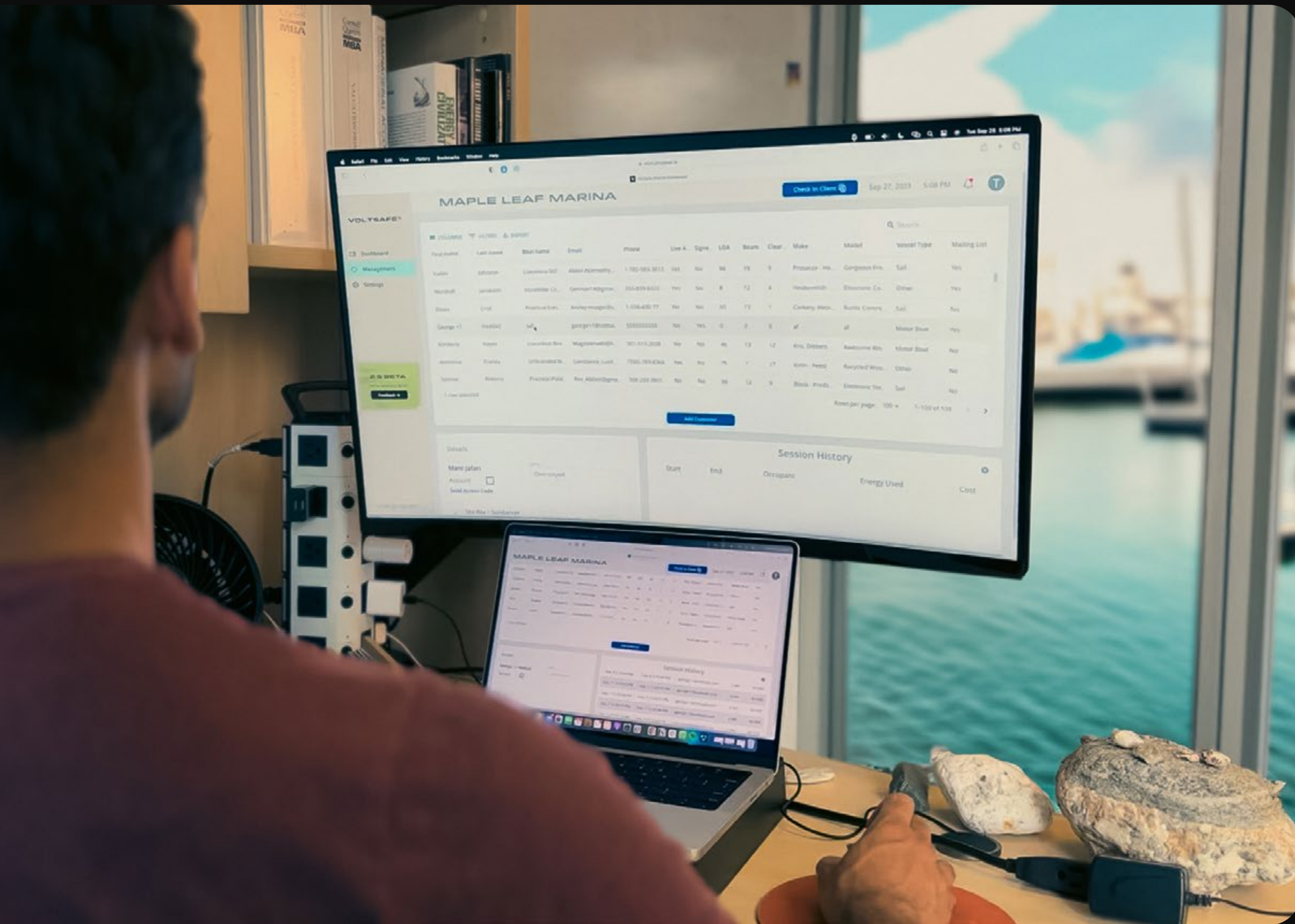


ESD and leakage detection.

The implementation of new safety regulations set forth the NFPA and ABYC focus on mitigating the disasters caused by current leakage of the vessels docked at the marina. Every year, families lose loved ones due to Electric Shock Drownings. Valuable equipment and infrastructure is lost prematurely due to insufficient maintenance as a result of laborious work.

VoltSafe Marine is equipped with current leakage detection and issues notifications through the marina's dashboard to ensure dangerous leakage into the waters are proactively addressed so they do not become a disaster. As well, with this level of proactive current leakage detection, marinas and boaters can prevent damages by discovering if power of units such as on-board inverters or appliances are faulty before it's too late.





Multiple streams to unprecedented savings.

Unlock Next-Level ROI

VoltSafe Technology introduces groundbreaking automation to your marina translating into **immediate financial gains**. Ensure reduced labour hours for tasks like energy readings and fire-risk troubleshooting. Experience streamlined accounting, peak demand reductions, and an overall decrease in duty cycle resulting in significant electricity savings. Embrace a sustainable future with reduced power consumption while navigating away from the financial burdens associated with fires, drive-away damage, and soaring insurance premiums.

Unleash Qualitative Value

Elevate safety and convenience with VoltSafe Technology. **Enhance value for each marina slip** by providing WiFi for boat owners. Offer secure Level 2 EV solutions for harsh marine environments, supported by a smart dashboard and companion app for an exceptional experience. Eliminate risks of electric shock drownings caused by current leakage. **Modernize your marina** to create a secure and user-friendly experience while saving time, money, preventing injury and safeguarding valuable infrastructure.



SAVE \$\$\$

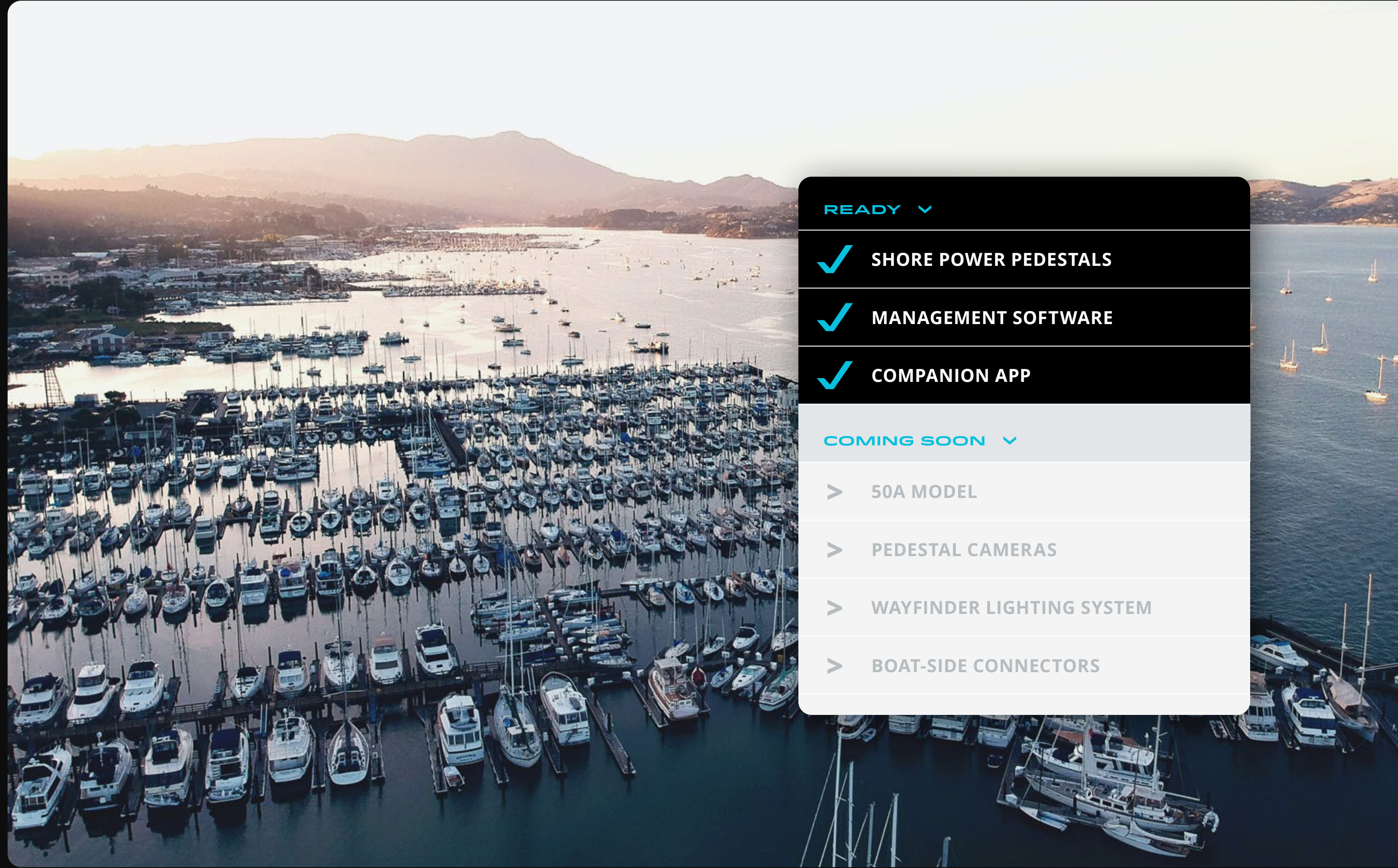
| ITEM | DESCRIPTION | |
|---|---|----|
| ✓ ENERGY EFFICIENCY | Optimize power usage, reduce costs during energy spikes and shift consumption to off peak hours. | \$ |
| ✓ PEAK DEMAND MANAGEMENT | Effortlessly monitor and manage marina-wide power usage in real-time, effectively reducing peak demand charges. | \$ |
| ✓ AUTOMATIC SAFETY MEASURES | Detect and alert marina operators and boat owners about current leakage. Proactively find failing or inefficient electronic devices and prevent corrosion, arcs, sparks, fires, damage. | \$ |
| ✓ PREVENTION OF MARINA INFRASTRUCTURE DAMAGE | Magnetic connectors prevent damage when boat owners forget to disconnect from shore power, safeguarding marina infrastructure. | \$ |
| ✓ AUTOMATED BILLING | Access real-time shore power and historical data usage data, streamline billing processes and eliminate the need for manual data entry and slip-to-slip invoicing. | \$ |
| ✓ DECREASED MARINA COSTS | Dashboard capabilities send automated notifications for connectivity concerns, current leakage, temperature monitoring and utility-metering for automated slip-by-slip billing, reducing countless hours of manual labour on the docks. | \$ |
| ✓ INCREASED INSURANCE SAVINGS | Eliminating risks of fire from faulty connections or infrastructure damages from sailing away without disconnecting, culminates in fewer claims, lowering insurance premiums. | \$ |
| | | |
| | | |





We are creating a connected marina ecosystem.





Our vision extends far beyond just shore power connectors. We are committed to delivering the safest, most dependable, and user-friendly shore power experience at marinas. With VoltSafe technology, we're future-proofing marinas.



READY

-  SHORE POWER PEDESTALS
-  MANAGEMENT SOFTWARE
-  COMPANION APP

COMING SOON

-  50A MODEL
-  PEDESTAL CAMERAS
-  WAYFINDER LIGHTING SYSTEM
-  BOAT-SIDE CONNECTORS



VoltSafe technology delivers all power levels.

VoltSafe technology scales from small pleasurecraft to commercial and defence vessels and can be adapted to meet advanced technical requirements.



- > **SHORE POWER PEDESTALS:**
Marinas (15A - 100A), Ports (100A+)
- > **SHORE POWER CORDS:**
Recreational (30A - 100A), Industrial (100A+)
- > **MARINE EV-CHARGING:**
Level 1, 2 & 3
- > **AUTONOMOUS EV-CHARGING**
- > **DEFENCE + INDUSTRIAL SOLUTIONS**



Future-proof your marina today.

Be the first to redefine safety and unlock smart energy management at your marina with VoltSafe Marine shore power. Lock in preferred pricing on your first purchase order.

Improve safety and enhance your marina with magnetic shore power and smart energy management that provides effortless control. Protect your investment and reduce costs, while saving time and energy.



voltsafemarine.com/order



PEDESTAL ASSEMBLY INCLUDES:

- > **SMART LED LIGHTS**
Great for illumination and pathfinding, synchronized RGB colors to reflect the status of the slip
- > **15A/20A GFCI OUTLET x1**
- > **30A MARINE BREAKERS x2**
- > **FRESH WATER SPIGOTS x2**
- > **EMERGENCY SHUTOFF SWITCH x1**

PREMIUM ADD-ONS:

- > **WATER FLOW METERING AND SMART VALVE SHUTOFF x2**
- > **SMART WIFI CAMERAS x2**
On-demand streaming to both dashboard and companion app
- > **SMART ASSISTANCE BUTTON x2**
Notifies the dashboard that assistance is required at a certain slip



Only team in the world to successfully certify and commercialize a high power, conductive magnetic connector.



Trevor Burgess **CEO**

Successful serial entrepreneur (2x exits)

Vast knowledge and experience IP, Commercialization and Scaling



Sanad Aridah **CTO**

Circuit Whisperer specializing in electrical and computer engineering

Insatiable appetite for Future Tech and IP



Scott Carlson **CFO**

Proven leader, passionate about people and numbers

Extensive experience in Financial and Corporate Strategy



Terri Breker **CMO**

Experienced communicator

Specializes in Brand Strategy and Growth





Awards & Recognition



IBEX Innovation Award
Boatyard and Marina
Hardware and Software



CES Innovation Award
Vehicle Tech and
Advanced Mobility



Winner of Startup Pitch Competition
Global-Scale Marine
Equipment Trade Show



Innovative Solutions Canada
Grant Recipient



Forbes
Listed as one of Canada's Best Startup
Employers



Foresight 50
Listed as one of Canada's Most
Investible Cleantech Ventures



Canada's Ocean Supercluster
Member: CEPAC Project 2024

Accelerator Programs



Creative Destruction Lab Atlantic
Oceans Stream



SoCal Cleantech Express
Ports & Logistics
(Canadian Trade Commissionaer Service)



Newlab
Supported Company



Key Partnerships



innovate BC

Innovate BC & NRC IRAP
BC Fast Pilot Grant
\$180K CAD



Royal Canadian Navy
Pilot Project for
Level 2 EV Chargers



Association of British Columbia Marine Industries
Proud Member



Vancouver Maritime Centre for Climate
Proud Member



Pacific Coast Congress of Harbormasters & Port Managers
Proud Member



International Electric Marine Association
Proud Member



Washington Maritime Blue
Proud Member



National Marine Manufacturers Association
Proud Member



Association of Marina Industries
Proud Member



American Boat and Yacht Council
Proud Member



AgeTech CollaborativeTM by AARP
Portfolio Company



EPiC by HKSTP
Finalist: PropTech Category



Next Generation Manufacturing Canada
Supported Company



MaRS Venture Services
Supported Company



Consumer Technology Association
Innovation Awards Winner, Mark of Excellence & Proud Member



“ There hasn’t been any huge leaps and bounds in marine cord technology for a couple decades and this (VoltSafe Marine) is very adaptable to the marine environment. I think it’s high time we take safety seriously around marinas like this. It will also provide a better user interface for my customers, allowing them to be able to monitor their own electrical consumption and the health of the plug – a lot of benefits for them.”

– CHRIS LOUGHEED
Harbourmaster,
Gibsons Harbour Landing Authority

“ VoltSafe’s (marina) pilot is a really smart technology that’s been developed in B.C. The technology’s ability to save on energy costs and manage the need for energy efficiency much better than anything in the market.”

*Quote Credit: Coast Reporter

– MAGGIE CHAN
Director of Tech Adoption Programs,
Innovate BC

“ Technology enablers such as those developed by VoltSafe will play a significant role in our energy transition and will speed up their adoptions. I am excited to advise the team on how VoltSafe technologies can be applied in the defence and security markets.”

– MEIZ MAJDOUB, CDR(N) RET.
Managing Partner, Mostar Ventures
Founder, Technology Management
Program (Royal Canadian Navy)
VoltSafe Strategic Advisor



Comparisons

| HARDWARE | | | |
|--|-------------------|--------------------------------|----------------------------------|
| CONTROL BOX AND PEDESTAL | VOLTSAFE SOLUTION | LIGHTHOUSE (SS) INCUMBENT CORD | HARBOR LIGHT (SS) INCUMBENT CORD |
| No Arcing | ✓ | ✗ | ✗ |
| No Corrosion | ✓ | ✗ | ✗ |
| IP67 - Sealed to Safety | ✓ | ✗ | ✗ |
| Marina Grade Aluminum | ✓ | ✗ | ✗ |
| Does not Electrify the Water | ✓ | ✗ | ✗ |
| Does not Trip Breakers | ✓ | ✗ | ✗ |
| Prevents Stray Current | ✓ | ✗ | ✗ |
| Accessibility - Easy to Connect/Disconnect | ✓ | ✗ | ✗ |
| Surge Protection | ✓ | ✗ | ✗ |
| Revenue-Grade Power Metering | ✓ | ✗ | ✗ |
| LED Power Indicator Light | ✓ | ✓ | ✓ |
| Automated Safety | ✓ | ✗ | ✗ |
| Remotely Turn Power On and Off | ✓ | ✗ | ✗ |

| SOFTWARE | | | |
|--------------------------------------|-------------------|--------|-------------|
| DASHBOARD AND COMPANION APP | VOLTSAFE SOLUTION | DOCKWA | MARINE SYNC |
| Marina Manager Dashboard | ✓ | ✓ | ✓ |
| Boat Owner Companion App | ✓ | ✓ | ✓ |
| Boat Owner Shore Power Control | ✓ | ✗ | ✗ |
| Interactive, Real-Time Slip Map | ✓ | ✗ | ✗ |
| Current Leakage Detection | ✓ | ✗ | ✓ |
| Built-In CRM | ✓ | ✓ | ✓ |
| Automated Billing | ✓ | ✓ | ✗ |
| Temperature Monitoring | ✓ | ✗ | ✗ |
| Automated Check In/Out | ✓ | ✗ | ✗ |
| Real-time Power Usage Data/Analytics | ✓ | ✗ | ✓ |
| Real-time Device notifications | ✓ | ✗ | ✓ |
| Peak Demand Monitoring | ✓ | ✗ | ✗ |
| Peak Demand Reduction | ✓ | ✗ | ✗ |
| Marina Shore Power Control | ✓ | ✗ | ✓ |

THANK YOU

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