



TREVOR BEACH DESIGN PORTFOLIO

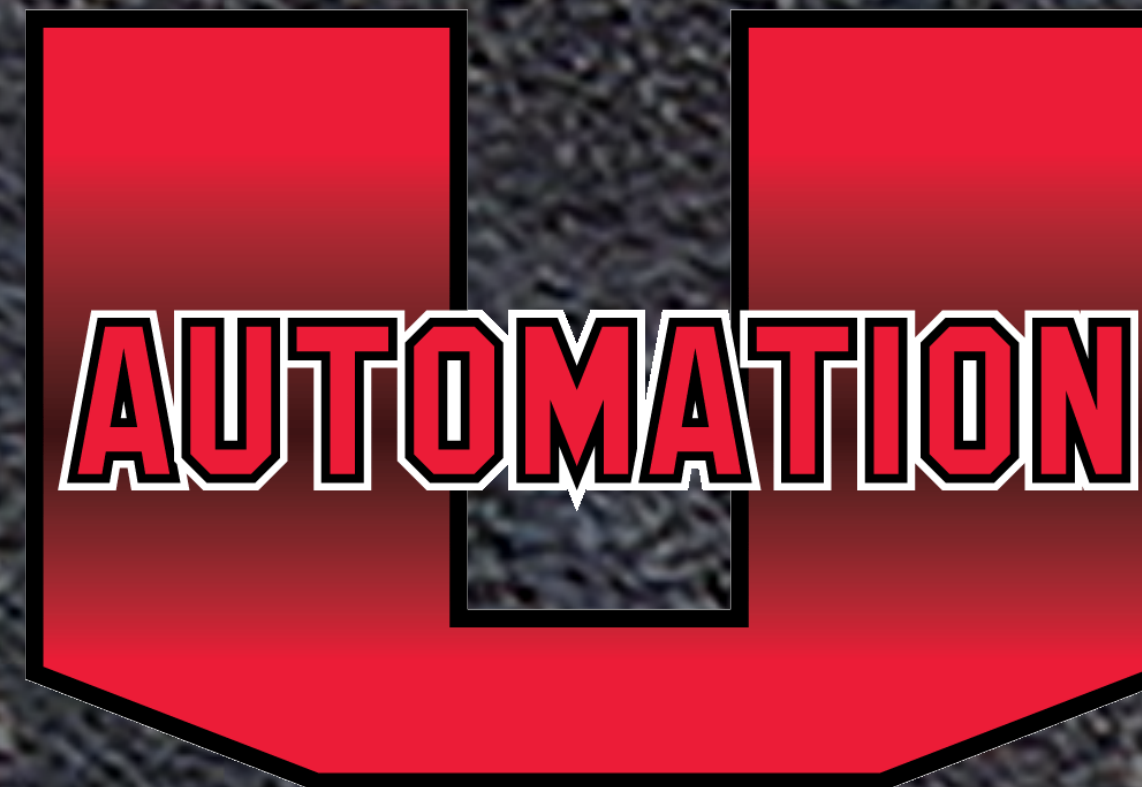


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TRENDS | TECHNOLOGIES | INNOVATIONS

BIOFUEL
INTEGRATION

Learn how to integrate liquid
biofuels into existing boiler
systems

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ABMA Board Chair / PAGE 8

Improving Medical Center
Efficiency / PAGE 14

CLEAVER-BROOKS

Optimizing Boiler Performance and Reliability with Data Driven Insights

Food processor improves boiler performance with a new app.

By Jason Knuth

Advanced digital solutions such as myBoilerRoom are improving operations, enabling facilities to optimize efficiency, enhance reliability, and achieve substantial cost savings. By leveraging a data-driven approach to asset management, myBoilerRoom empowers facilities to manage their boiler operations with precision and efficiency.

At the heart of myBoilerRoom lies Prometha®, an intelligent monitoring system that harnesses real-time data to detect issues before they escalate into costly problems or an unplanned shutdown. With continuous performance tracking, Prometha enables informed decision-making, ensuring optimal boiler operation while maximizing uptime and reliability.

More than just a data visualization tool, Prometha translates complex data into actionable insights, guiding facilities toward unparalleled efficiency and reliability. One of its standout features is the Boiler Score Insight, which provides a clear, real-time snapshot of boiler performance.

Through its capabilities, Prometha has led to significant cost savings and operational improvements for facilities in a range of industries. Facilities benefit from continuous tracking, including standard snapshot reports that highlight boiler performance metrics, with the option for custom reports tailored to specific operational needs.

Remote Expertise Enables Swift Boiler Recovery

One weekend, the primary boiler in an Arkansas manufacturing facility failed, alerting the facility manager (Figure 2). Meanwhile, the secondary boiler was offline due to an erratic water level. Since a technician couldn't be

dispatched immediately, the Prometha team collaborated remotely with the local representative and onsite operators to diagnose the problem.

They determined that a low O2 level had caused the boiler to shut down. Further investigation revealed that the O2 sensor had failed. On the secondary boiler, maintenance had recently been performed on the water level transmitter because of a leaky fitting. On restart, the boiler water level was erratic, fluctuating between -2 to +5 inches.

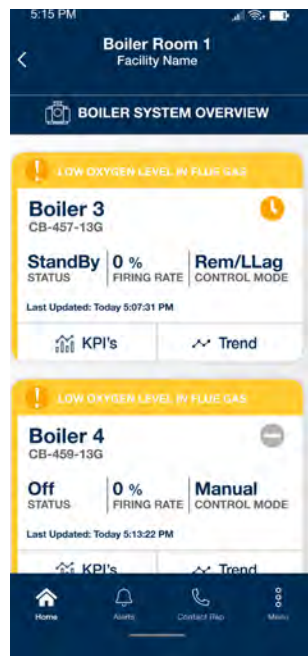


Figure 1: Receipt of a system alert on mobile phone. All images courtesy of Cleaver-Brooks

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Uniting Form and
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CE ARTICLE:
Improving Energy Efficiency and Performance at the Roof for Schools and Hospitals

A bnp PUBLICATION

Incredible Spotlight

Pushing boundaries

By Jason Knuth

Revealing insights to coffee ingredients for functionality, flavor innovation

From the tips and tricks of coffee to the latest in coffee technology, this issue is packed with insights into the world of coffee. From the tips and tricks of coffee to the latest in coffee technology, this issue is packed with insights into the world of coffee.

LaSalle recently launched its latest addition, the LaSalle Building, which is a modern, multi-story building with a glass facade.

Vertical Conveying Solutions

What lies ahead

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CE Center Statistics

	Average per Month (last 12 months)
Page Views	299,075
On-Demand Test Takers	19,754
Content Engagements	26,964
Live Certificates Issues	4,111
Active Users	47,487
Certificates Issued (Annually)	160,874
Total Registered Users	216,681
2023 Credits Issued	1,646,597

Source: Media Owner's Data, January 2024

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AVERAGE #	1,233

BE BUILDING ENCLOSURE

The only educational resource that deals with the technical aspects of building envelope design, *Building Enclosure (BE)* covers commercial, multi-family, industrial and institutional applications both above and below grade.

Total Channel Audience*
Website: 32,348
eNewsletter: 11,138
eMagazine: 5,440
eBlast: 10,531
Continuing Education Active Registered Users: 40,521
Webinar Average Registrants: 1,197
Social Media Total Followers: 6,634
*Building Enclosure Digital Audience Profile, December 2023

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	January	February	March	April	May	June
Multi-Sponsor Opportunities						
BE Issue Theme	WINTER			SPRING		
	ROOFING	INSULATION	WATERPROOFING	BUILDING ENVELOPE	ENERGY EFFICIENCY	WALL SYSTEMS
Symposium	Building Envelope, March 21			Roofing with ROOFING CONTRACTOR , June 20		
BE University Webinars	Roofing & Waterproofing Forensics	Designing for Severe Weather	Metal Design	Roofing	Commercial & Institutional Roofing	WRBs
eNews Deployments	Jan 4, 11, 18, 25	Feb 1, 8, 15, 22, 29	March 7, 14, 21, 28	April 4, 11, 18, 25	May 2, 9, 16, 23, 30	June 6, 13, 20, 27
CE eNews Deployments	January 10	February 14	March 13	April 10	May 8	June 12
Integrated Showcase	Cladding	Acoustics	Building Envelope	IBEC POP UP Videos	Wall Systems	Air & Vapor Barriers
Exclusive Sponsor Opportunities						
Focus On eBlast	Wall Systems	Air & Vapor Barriers	Energy Efficiency	Acoustics	Multi-Family Construction	Waterproofing
Hot Topic eBlast	Commercial Roofing	Vegetative Roofing	Exterior Cladding	Insulation	Energy Efficiency	Steel Framing
Podcast/Video	IRE Preview	IBEC Insight - Educational	IBEC POP UP Videos	Designing for Storms	Building Envelope Trends	AIA Video
Polls/Quizzes	Roofing & Wall Codes	Storm Protection	The Envelope	Embodied Carbon	Sustainable Roofing	Curtainwalls
Editorial Infographic	ROOFING			SEVERE WEATHER		
Industry Events	CRCA Jan. 17-19, Chicago	IRE Feb. 6-8, Las Vegas	SPFA March 3-6, Las Vegas		NWCB May 16-18, Palm Springs, Calif.	FRSA June 5-7, Kissimmee, Fla.
	SPRI Jan. 12-14, Clearwater, Fla		IBEC March 8-11, Phoenix		EIMA Annual Meeting	AIA June 6-7, Washington, D.C.
	WOC Jan. 23-25, Las Vegas		Build24 March 23-27, Orlando		ABAA May 7-8, Reston, Va.	
			RICOWI March 6-8, Phoenix			

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Watch videos produced from the IIBEC show floor

A promotional graphic for a video. The background is orange. At the top, the text "Cybersecurity Insight: Top Hacks You Must Know Now!" is written in white. Below the text is a photo of two men, Bill Collins and Hasshi Sudler, smiling. To the right of the photo, their names "Bill Collins and Hasshi Sudler" are written in white. Further right is the BE Building Enclosure logo, which consists of the letters "BE" in a large, bold, white font, with "BUILDING ENCLOSURE" in a smaller, white, sans-serif font below it, all enclosed in a white rectangular border. Below the logo is a white play button icon inside a rounded rectangle.

[illegible]

BE BUILDING ENCLOSURE

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1 IIBEC CEH; 0.1 IACET CEU

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About Us

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Our Services

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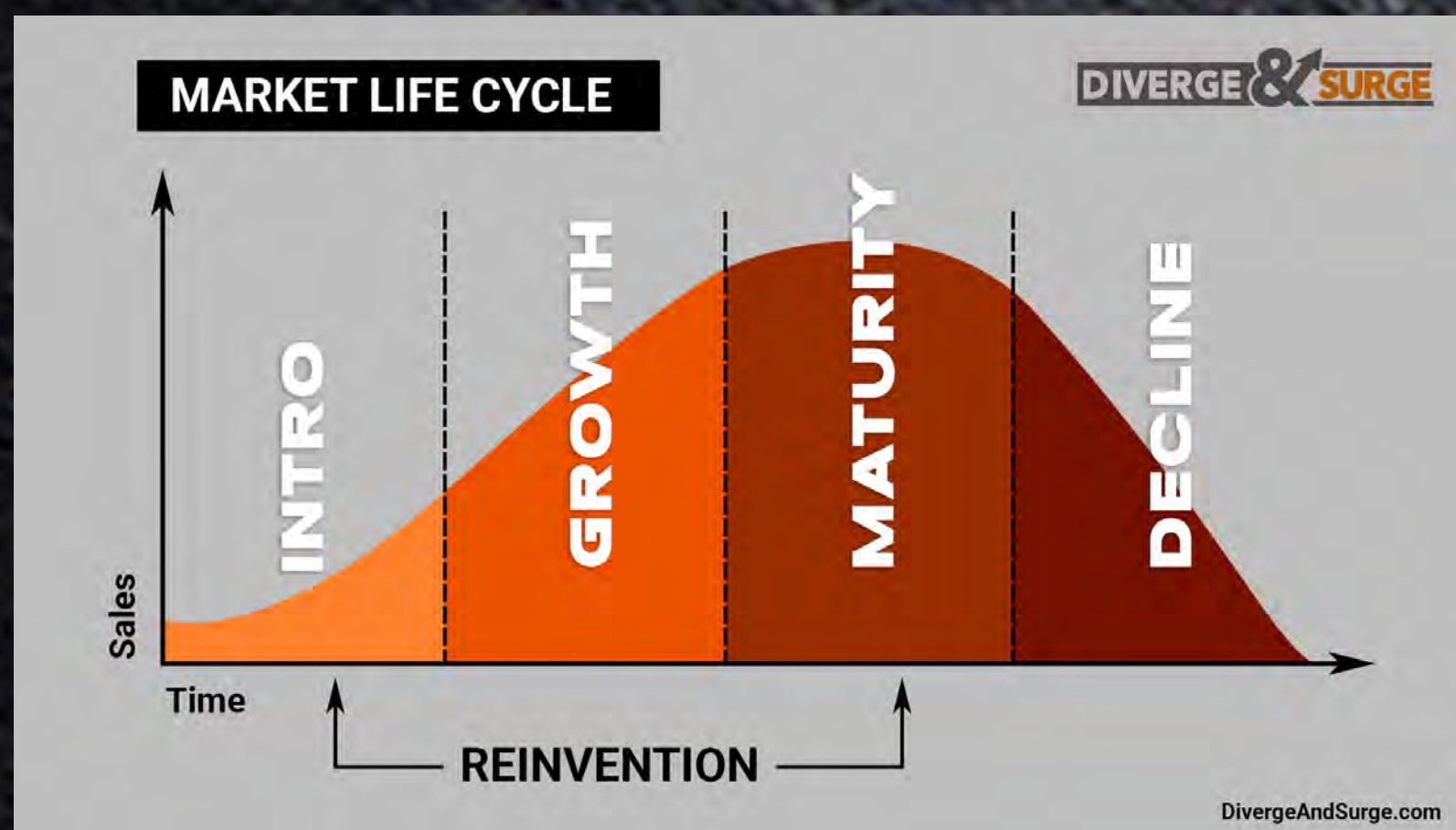
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THOUGHT PROVOKING

BUSINESS STRATEGY:

Every company, large or small, follows a strategy – either consciously or subconsciously. Those that don't, eventually go out of business. To make sure that your actions align with your strategy you need to ask thought provoking questions. First on list?

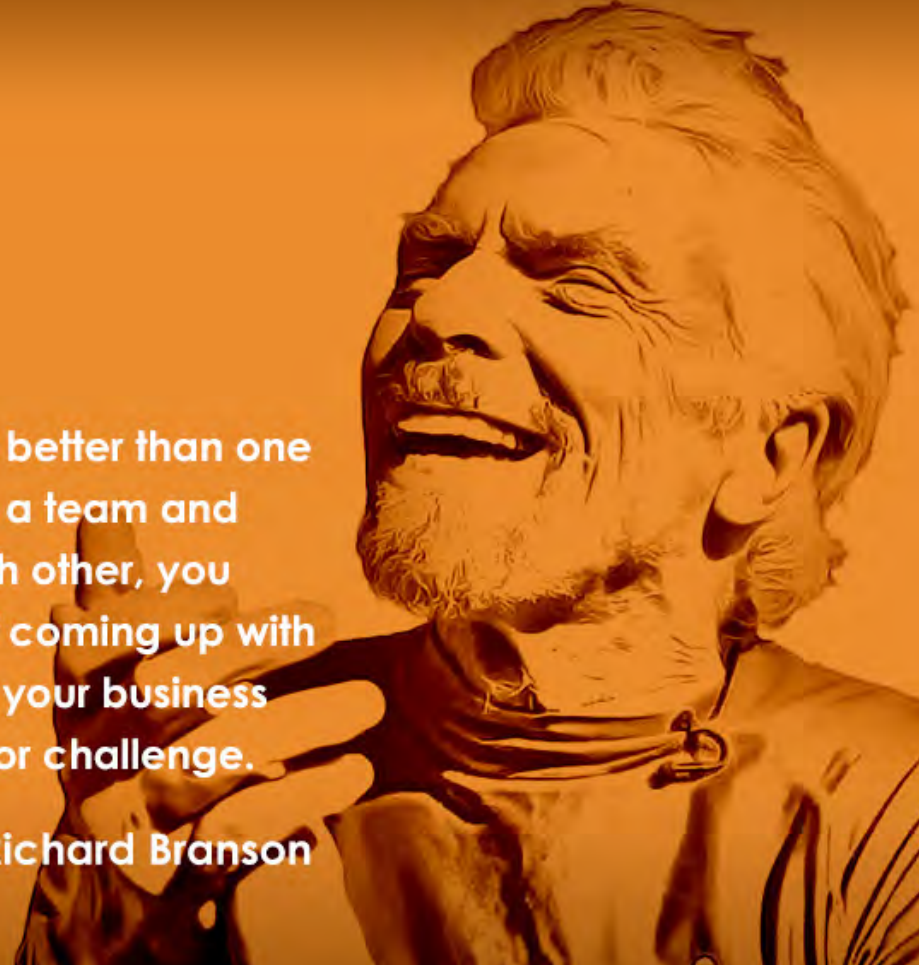
'Are we trying to solve the right problem?'



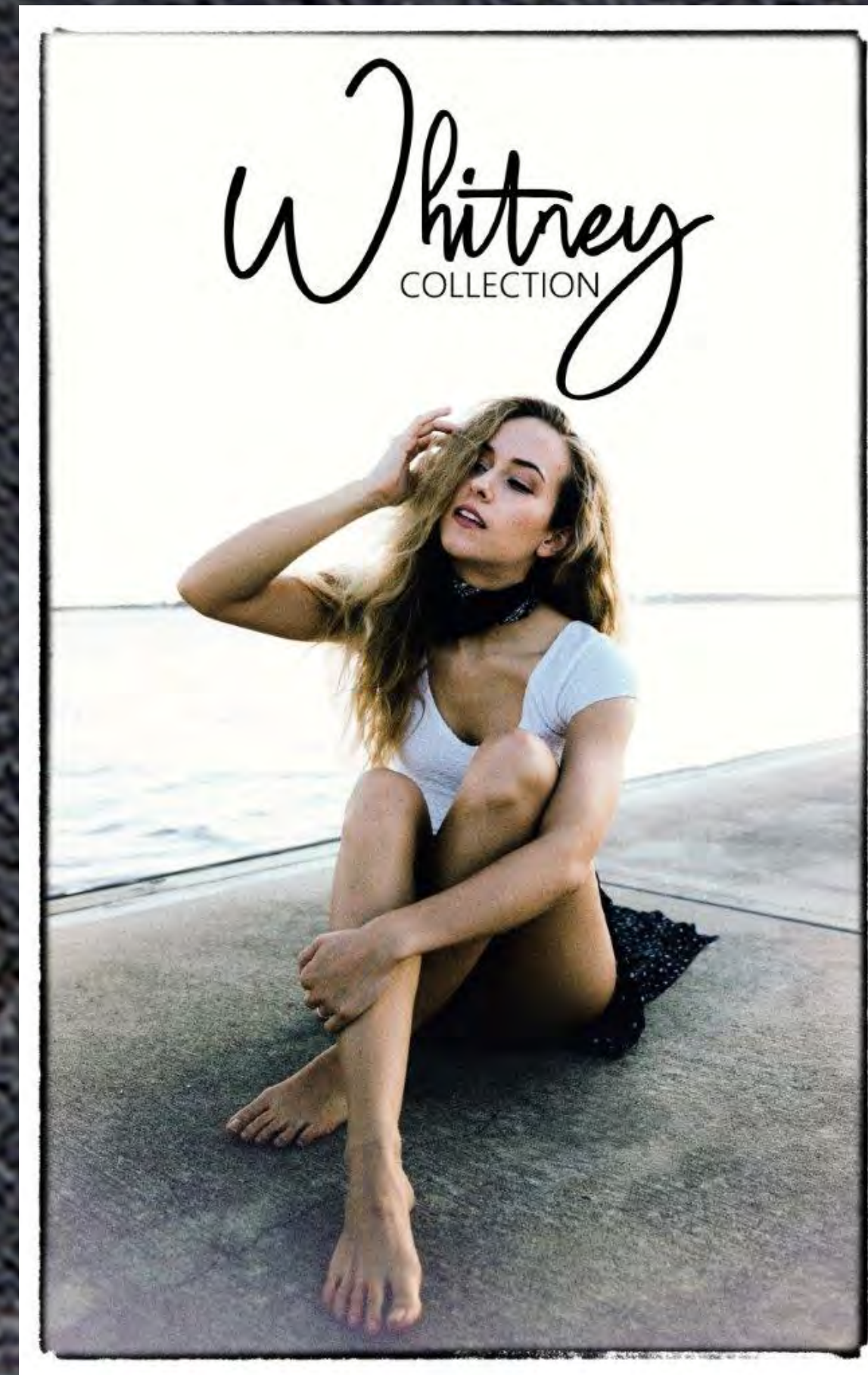
“

Two heads are definitely better than one and by brainstorming as a team and sourcing ideas from each other, you have a better chance of coming up with a strategy that will allow your business to overcome a setback or challenge.

-Richard Branson



MISC.



ABOUT ME



I'm a dedicated artist and graphic designer with experience working for B2B publications: specialties include ad/logo/promo design, magazine layout, and social media graphics. Photoshop and InDesign are my main areas of expertise, but I'm also experienced with Illustrator. I've got a hunger to learn and an ability to adapt quickly. Most of all, I'm dependable, self-motivated, and hold high standards for myself and my work.

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