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### Let There Be Light: Light Pipes & LED Technology

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Sleek design, vibrant colors, and durability are important features when it comes to custom thermoformed products, but is that always enough to make your product "pop"? Probably not. And while you may think that's all you can expect from a thermoforming company, we at ThermoFab would like you to think again.

#### Let There Be Light! Light Pipes & LED Technology



#### **Light Pipes**

Light can really make your product come to life. But can light pipes be built into the product? At ThermoFab, we can, and we have.

We use a proprietary process for our custom-made light pipes, which can add a stunning flair to products.

#### **LED displays:**

LED (light emitting diode) displays are used in myriad places, from sporting events to message boards to signs for businesses and hotels (think of all the lighted signs on the Vegas strip). Using custom thermoformed parts for LED displays makes sense since the plastics used are lightweight, making display pieces easier to lift while cutting down on shipping costs, and durable, which is perfect for outdoor applications.

#### Case in Point--Times Two!



SiCortex boasts incredible **Linux**based highperformance computers called the Blizzard, the Snow, and the Flurry. According to the company website, "by worrying every milliwatt, and thereby getting the heat out, SiCortex has collapsed a roomful of 64-bit computing power down onto a single backplane in a single compact

cabinet, yielding an order of magnitude advance in performance per watt, per square foot, and per dollar." ThermoFab built the stunning 36 light-pipe display into the pressure formed panels that surround this high-performance computer and that give it a super sleek look while maintaining the energy efficiency the client desires



Earlier this year, ThermoFab



won two
TINA
awards for
a product
we
produced
for HiTech
Electronic
Displays, a
company
based in
Clearwater,

Florida: **Best Heavy Gauge Thermoforming** and **Best in Show** for HiTech's Lok 'n Lite Expandable Electronic Display. This "plug and play" technology boasts 16.7 billion colors, additional external wiring, and energy efficiency. ThermoFab thermoforms the stackable, expandable modules.

## People Who Make ThermoFab Fabulous: Meet Michael



Michael Wahl's even-keeled leadership has helped transform ThermoFab into the industry leader it is today. With more than 28 years at the company, Michael has seen ThermoFab through various stages of refinement, enhancements and progress. He continues to enjoy ThermoFab's role in bringing quality plastics to new medical markets.

With a strong manufacturing and product design background, Michael oversaw three production

shifts in the late 1970s and early 1980s. Under his watch, these groups realized double-digit growth each year. His focused attention to customers' product and service needs combined with his calming influence when

deadlines loom has brought the company consistent profits during his 25 years as vice president of sales.

Before joining ThermoFab, Michael worked at Sharpe Plastics in Concord and Fisher Scientific in Waltham.

Michael has a Bachelor of Science in Business Administration from Northeastern University. He is a member of the Industrial Design Society of America (ISDA), The Society of the Plastics Industry (SPI), and Massachusetts Medical Device Industry Council. He has led several ISDA seminars and been published in *Product Design and Development* magazine.

ThermoFab is committed to being the leader in custom plastic enclosures. Contact us today to learn how we can take you from files to finished product in just 4-6 weeks!

#### Sincerely,

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