

theft detection industry

the challenge

Business owners install ATMs at their retail locations to increase store traffic by providing customers with a convenient and quick bank withdrawal. But when money is involved, the risk of theft is ever present. Retail owners want to deter potential burglars from tampering with or stealing their ATM and to rest assured that if a burglar strikes, their ATM will be easily and securely recovered.

Citywide ATM, (citywideatm.com) a nationwide seller, distributor and processor of ATMs, required an enclosure and chassis that had a nice appearance, American-made quality and effectively housed their ATM PitBull alarm system. The

ATM PitBull alarm system has multiple points of detection and is fitted with electronics, including GPS live tracking, that can be controlled with an external keypad. As Citywide ATM searched for an enclosure, it found that many manufacturers could not fulfill one or more of the required engineering constraints, while those

manufacturers with comprehensive capabilities demanded costs that were extremely prohibitive to the project's budget.

"Too many compromises were necessary to use any other enclosure that we researched," Citywide ATM Chief Technical Officer Bruce Laurian said.

The size and dimension configurations were the most limiting factors. The ATM PitBull alarm system is best suited to a vertical orientation, which requires minimal shelf space. The internal components are similarly influenced and require slightly more length than found in commonly available

standard-size enclosures. Citywide ATM contacted Buckeye Shapeform after hearing that the supplier could both design and finish a modified enclosure and chassis for them, and create that design based on electronic industry standards. Upon calling Buckeye Shapeform, Laurian was pleased to find that the measurement that needed to be increased on their custom enclosure happened to be the measurement that Buckeye Shapeform's product allowed the most flexibility in customizing, providing Citywide ATM with minimal costs to accomplish their goal.

the solution

Buckeye Shapeform took the basic parameters that Citywide ATM gave them and produced drawings of a fabricated chassis, including front and rear panels, and a modified enclosure based on its existing E-Series extruded aluminum enclosures (build-a-box). Buckeye Shapeform's engineers helped Citywide ATM select the E-Series to be customized because the E-Series enclosure offers easy access to internal electronics. The internal configuration of the enclosure needed to facilitate assembly and post installation internal access. Horizontal slots were provided, allowing a custom chassis made by Buckeye Shapeform to be slid in and out like a drawer. This allowed for convenient assembly, future servicing or upgrading and limited internal access to end users by the use of front and rear cover panels. To finish the ATM PitBull alarm system, Buckeye Shapeform screen printed each enclosure with the company's pit bull logo.



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Bruce Laurian
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the solution (continued)

“After receiving the production prototype for QA (quality assurance), I realized we made the right decision in going with Buckeye Shapeform. Every aspect of the resulting equipment was either as expected or better,” Laurian said. “It was a truly professional job at a cost much less than expected.”

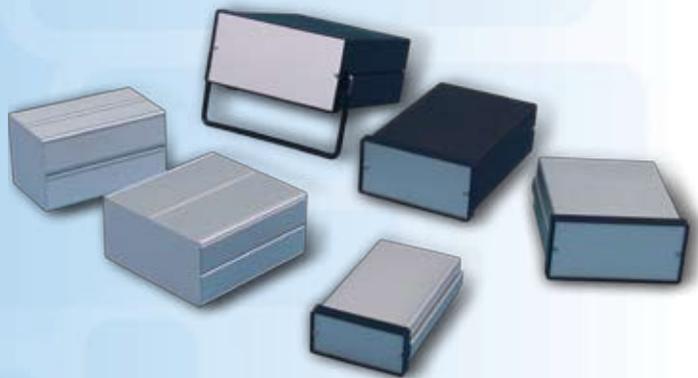
the results

The modified E-Series enclosures were built to Citywide ATM’s specifications and helped further the company’s relationships with top-grade American banks and armored-vehicle service organizations by providing top of the line ATM security.

“For anyone in search of fabrication of this type, I would encourage them to give Buckeye Shapeform the opportunity to provide them with the peace of mind I received on this project,” Laurian said. “I thought price would have been the primary factor, but after my dealings with Buckeye Shapeform, I realized the value of their service as well.”

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To learn more about how Buckeye Shapeform products will work for you, visit our Web site at buckeyeshapeform.com, or call (614) 445-8433 or 1-877-728-0776 (toll free).



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