

**ED WILLIAMS**  
REGISTERED  
ROOF CONSULTANT

**BY ED WILLIAMS, RRC, PRESIDENT/  
SENIOR CONSULTANT**

Roofing has come a long way in the last century and a half. For many years, the roofing system was a typical built-up roof, meaning that the roof was manufactured on site by applying multiple layers of felt in either asphalt or coal tar pitch. This was labor-intensive and was dependent on the cost of raw materials, which varied greatly. Asphalt is a petroleum byproduct, and as we all know, prices on gasoline can fluctuate wildly.

Beginning in the early 70s during the gasoline shortage, other alternatives begin to emerge. The "single plies" started trickling into the marketplace. The major attraction was that they were less labor-intensive, and con-

tractors did not have to have all the heavy equipment required for the built-up roof. There was a learning curve, and many of the early single-ply products had problems, but the systems coming out now have a very good track record. These systems are expected to grow in popularity in the coming years.

For more information on Ed Williams Registered Roof Consultant LLC, please call (772) 335-5832, email [ewilliamsrrc@msn.com](mailto:ewilliamsrrc@msn.com), or visit [www.EdWilliamsRegisteredRoofConsultant.com](http://www.EdWilliamsRegisteredRoofConsultant.com). ■



**ENVERA**  
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**BY BRIE PETERSON**

Five years ago, the use of analytics in community security was much less common and often was not affordable for many associations. With technological improvements, providers are much more capable today to supply and administer security analytics in various areas of communities and at a more reasonable price. This is especially helpful for communities that suffer from trespassing at community assets. Older technology and cameras were reactive to trespassing or caused many false alarms. Newer systems and cameras can be proactive with accompanying "voice-down" features and verified alarms.

The field of security and technology is constantly evolving and adapting, and we will continuously see improvements to many methods. There will also continue to be a progression of hybrid systems, or the combination of technology and humans working simultaneously to secure multiple areas of communities.

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Envera Systems specializes in security technology systems with remote guards to replace or enhance guards at communities. Contact info: (855) 380-1274, email ask@envera systems.com, or visit [www.EnveraSystems.com](http://www.EnveraSystems.com). ■



### BY JOHN GREENWOOD, TECHNICAL CONSULTANT

First and foremost, Friends of Bats is delighted to add our congratulations to the FLCAJ in celebrating their 30th year! During this time, we have seen many changes in our industry. Some of these changes are driven by the following factors.

### Legal Requirements

When we began in this busi-

ness almost two decades ago, there was no legislation codifying the need to protect bats and conduct safe and humane exclusions. We only had guidelines. Friends of Bats, along with the University of Florida (UF), the Florida Fish and Wildlife Conservation Commission (FWC), and the Florida Bat Conservancy, contributed expertise to a number of statutes, protecting bats and codifying exclusion practices, which are now enforced by FWC Officers.

### Insurance Requirements

Today, both general liability insurance and workman’s compensation insurance are prerequisites in winning customer contracts.

### Technological Advances

As new materials have been developed, we have continually revised and adapted our techniques and methodologies to take advantage of these. All of the above have helped us both to better serve our customers and to protect the environment.

For more information on Friends of Bats, call 1-888-758-BATS (2287), email [john@friendsofbats.com](mailto:john@friendsofbats.com), or visit [www.friendsofbats.com](http://www.friendsofbats.com). ■



### BY MARK WESTBROOK, REGIONAL BUSINESS DEVELOPMENT MANAGER

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