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# Today's Technology Helps Protect Your Investment from Termite Damage

Ken VanCorbach  
New Generation Pest Management

Discovering a termite problem is never pleasant. Visions of walls disintegrating as these sinister insects gnaw away hidden from view haunt even the most courageous property owner. However, with new developments in inspection technology and treatment chemistry, fears of escalating costs, collapsing structures, and displaced tenants are quickly coming to an end.

## New Tools: X-Ray and Listening Devices

In the past year, revolutionary developments have occurred in the inspection tools available to detect termites and the damage they have caused. Portable X-Ray devices now enable a licensed technician to look inside a wall to determine if termites have damaged the interior and to see how far that damage has spread. Previously, termite technicians had to recommend the wall be opened for inspection, or recommend an all-encompassing treatment such as tenting or heating.

Perhaps the biggest development in inspection technology in the past year has been the maturation of acoustic listening equipment. Extremely sensitive listening probes were recently developed by adapting technology from the earthquake detection field. These probes are calibrated to measure the vibrations caused by termites moving within a piece of wood. A technician can now detect if a termite colony is alive within a given wooden member of a structure by measuring the amount of vibrations present using these probes.

The true value of acoustic listening technology comes with the ability to verify a treatment's effectiveness. Before and after measurements can be taken in a given area to provide conclusive evidence that the treatment performed actually eliminated the termites.

## New Techniques: Treatment Options without Displacing Tenants

Many of the termite treatment options available today require that tenants be relocated for the duration of the

process (often several days). With the latest technology and treatment techniques, a termite colony can be addressed with only minor inconvenience to the tenant.

A typical inspection and treatment scenario using today's technology is non-intrusive, accurate, and cost effective. When a termite problem is suspected, a licensed technician arrives at the property and performs a visual inspection to determine if evidence is present to warrant further inspection. If evidence exists that a termite colony is active, or has been active in the area, a recommendation is made to return to verify the status of the colony using X-Ray and listening equipment. The extent of the colony can also be determined with these tools, and a local treatment can be performed in the affected areas, eliminating unnecessary chemical usage and inconvenience.



The entire process from inspection to treatment can be performed with minimal inconvenience to the tenant. No walls need to be opened for inspection, no tenants need to be relocated, and in some cases, there is no need to treat at all if the listening probes indicate that the termites are inactive.

## New Chemistry: Drastic Reduction in Amounts of Chemical Used

Key advancements have also been made in the chemistry of new pesticides that are helping to reduce the impact on humans and the environment significantly. In a typical fumigation (or tenting) of a standard home, roughly 20 lbs. of fumigant gas is required to adequately eliminate a termite problem.

Using today's technology, a licensed technician can accurately determine the extent of a termite colony, and treat only the infested areas using newly formulated termiticides. Today, less than 5 oz. of termiticide is needed to treat an average infestation using the latest technology and techniques. Assisted by advanced detection equipment, a local treatment no longer suffers from the claims of inaccuracy when compared with other all-encompassing treatments. A local treatment using today's inspection tools drastically reduces the amount of chemicals necessary to control a termite infestation.

## Accurate, Conclusive, Cost-Effective Results with Today's Technology

Technology changes all industries, and termite control is no exception. With X-Ray and acoustic listening equipment, a termite company can now accurately detect the existence and extent of a termite infestation. Assisted by these high-tech detection tools, local treatment can be performed accurately, only treating the affected areas. Before and after measurements using these tools are now possible to determine conclusively if a treatment was successful. Finally, local treatments using the latest technology are less intrusive to tenants, and typically far less expensive than all-encompassing treatments such as heat or tenting treatments. 📌

Ken Van Corbach, President & CEO of New Generation Pest Management, Inc., has seen ineffective equipment come and go in the quest to treat termites accurately without the inconvenience of fumigating. New Generation Pest Management recently launched a new division, Predator Termite Control, to help multi-family residences take advantage of technological breakthroughs and treat termites without relocating tenants or opening walls.

For more information, please visit [www.predatorxray.com](http://www.predatorxray.com) or call 888-590-9729.