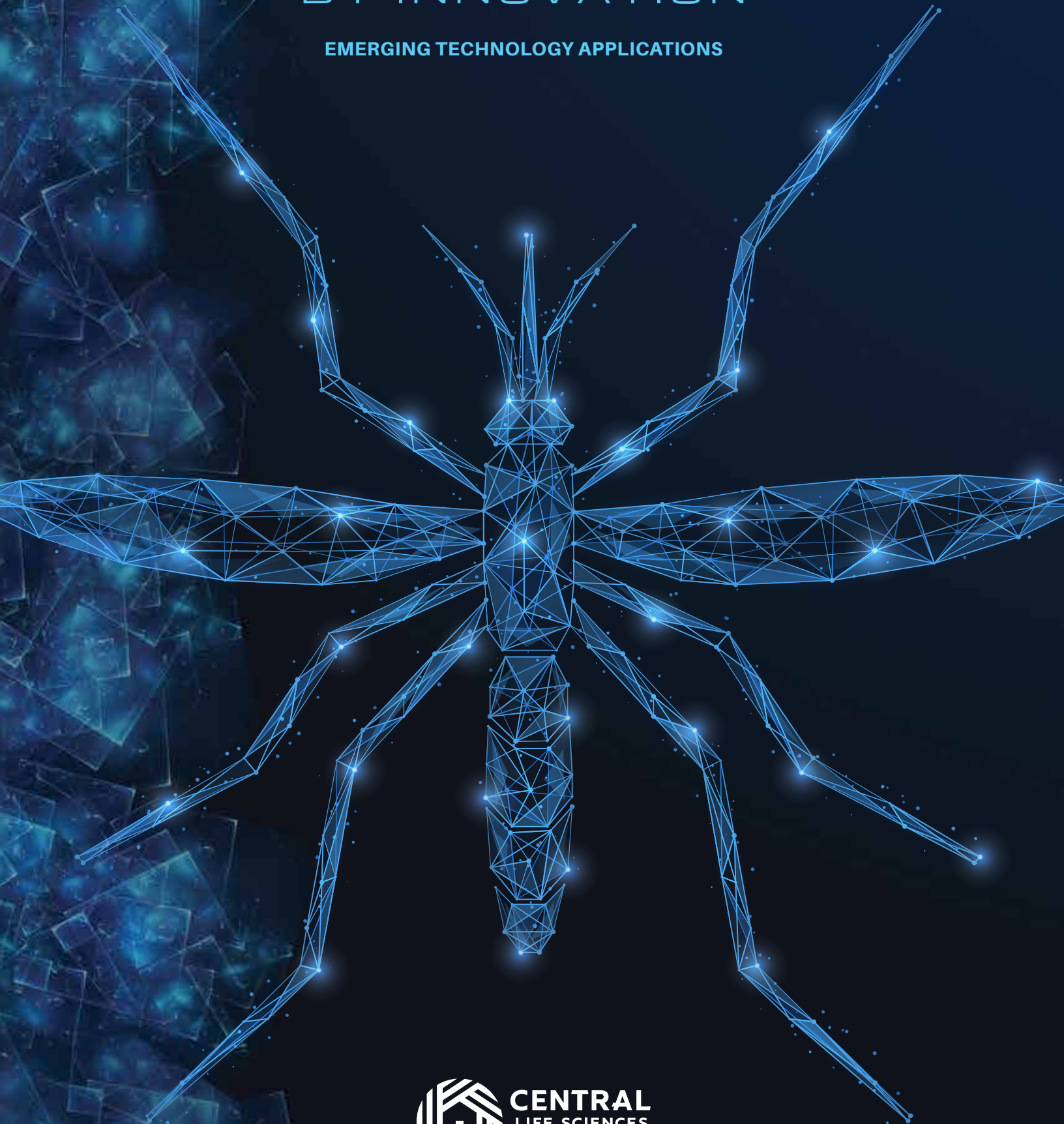


# EVOLVED BY INNOVATION

EMERGING TECHNOLOGY APPLICATIONS



MOSQUITO CONTROL EVOLVED

# ENGINEERED BY SCIENCE

## APPLICATION METHODS AND BENEFITS

Mosquitoes are constantly evolving, as are the threats associated with them. Central Life Sciences operates at the forefront of mosquito control to deliver the solutions Mosquito Abatement Districts (MADs) need to fight back against the mosquitoes of tomorrow, with the most high-tech tools available today.

Emerging application technologies are reshaping the landscape in professional mosquito control, and the team of experts at Central Life Sciences is ensuring we have the best arsenal of products to support this next-gen tech.

## UAS/DRONE TECHNOLOGY

The use of drone technology is surging among MADs across the country as it allows districts to easily and efficiently treat

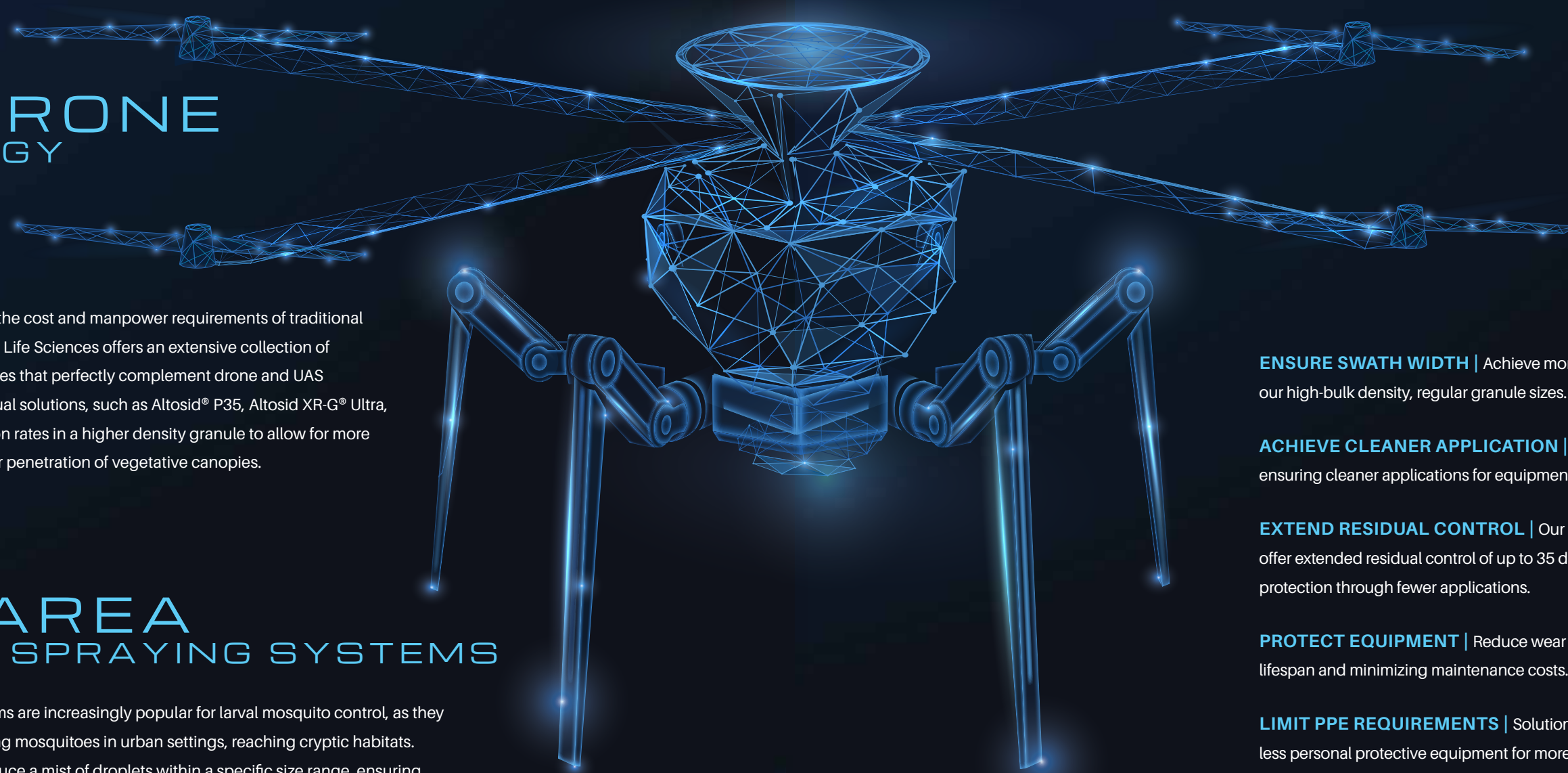
hard-to-reach areas at a fraction of the cost and manpower requirements of traditional aerial application methods. Central Life Sciences offers an extensive collection of extended-residual granular larvicides that perfectly complement drone and UAS technology. These extended-residual solutions, such as Altosid® P35, Altosid XR-G® Ultra, and Duplex™-G, offer low application rates in a higher density granule to allow for more treatment area per load and greater penetration of vegetative canopies.

## WIDE AREA LARVICIDE SPRAYING SYSTEMS

Wide area larvicide spraying systems are increasingly popular for larval mosquito control, as they effectively target container-breeding mosquitoes in urban settings, reaching cryptic habitats. The sprayers are calibrated to produce a mist of droplets within a specific size range, ensuring thorough coverage and deposition in challenging locations. The Altosid® Liquid Larvicide line of solutions delivers ideal performance in these systems.

# AN ELEVATED CLASS OF SOLUTIONS

Mosquito control solutions from Central Life Sciences offer several distinct advantages when paired with emerging technology for applications.



**ENSURE SWATH WIDTH** | Achieve more consistent, wider swath width with our high-bulk density, regular granule sizes.

**ACHIEVE CLEANER APPLICATION** | Our granules produce less dust, ensuring cleaner applications for equipment and staff.

**EXTEND RESIDUAL CONTROL** | Our range of granule larvicide solutions offer extended residual control of up to 35 days (Altosid® P35), ensuring longer protection through fewer applications.

**PROTECT EQUIPMENT** | Reduce wear and tear on equipment, extending the lifespan and minimizing maintenance costs.

**LIMIT PPE REQUIREMENTS** | Solutions from Central Life Sciences require less personal protective equipment for more comfortable, efficient applications.

**MAXIMIZE COST PER ACRE** | Deliver efficient mosquito control at a lower use rate and competitive cost per acre per day.



### ALTOSID® P35

A unique granule formulation featuring dual encapsulation for short- and long-term release of IGR and has up to 35 days of residual control. Uniform shape allows for consistent, wide swaths and excellent canopy penetration.



### ALTOSID XR-G® ULTRA

This dust-free larvicide formulation is designed for a clean application to crop and non-crop sites and offers pre-treatment to habitats 14 days prior to flooding, plus up to 28 days of residual control.



### ALTOSID XR-G®

Effective for up to 21 days, this formulation provides effective and flexible control ideal for aerial applications in standing water over large tracts of land, ponds and lakes needing canopy penetration.



### ALTOSID SBG® II

Altosid® Single Brood Granules (SBG) II allows for consistent swath width and vegetation penetration. (S)-Methoprene controls larvae through ingestion or contact and in cold water for up to 7 days.



### DUPLEX™ -G

Delivers a dual-active ingredient mix that uses "Active Booster Release Technology" for quick kill and up to 28 days of residual control. High bulk density allows excellent foliage penetration and ensures calibration ease and normalized swath characterization for ground and aerial application equipment.



### FOURSTAR® BTI CRG

A dual-action controlled release technology allows FourStar® Bti CRG to remain effective through wet and dry periods. It has a high density, spherical silica sand carrier and provides less target drift with more coverage per application.



### ALTOSID® LIQUID LARVICIDES

Central Life Sciences offers two highly effective liquid larvicides, Altosid® Liquid Larvicide Mosquito Growth Regulator (SR-5) and Altosid® Liquid Larvicide Concentrate (SR-20), designed specifically for mosquito control programs. These formulations prevent the emergence of adult mosquitoes, including those transmitting diseases like West Nile virus and Zika virus, with superior control in various habitats and approved for aerial, ground ULV and power mist blower systems.

# THIS IS MOSQUITO CONTROL EVOLVED

Our entire line of mosquito control solutions is shaped through our commitment to science and the experience of our team members who have worked in the field and walked in your shoes.

We are committed to remaining on the cutting edge of industry technology to deliver the most effective and efficient solutions possible.

This is mosquito control evolved.

Scan the QR code to learn even more about our industry-leading solutions for emerging technology.



To learn more about the Central Life Sciences portfolio of mosquito control products, visit

[CentralMosquitoControl.com](https://CentralMosquitoControl.com).



MOSQUITO CONTROL EVOLVED

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