



# Bird Control Basics for Industry



# What drives the need for Bird Control?

**Specific needs always factor into  
specific solution strategies**

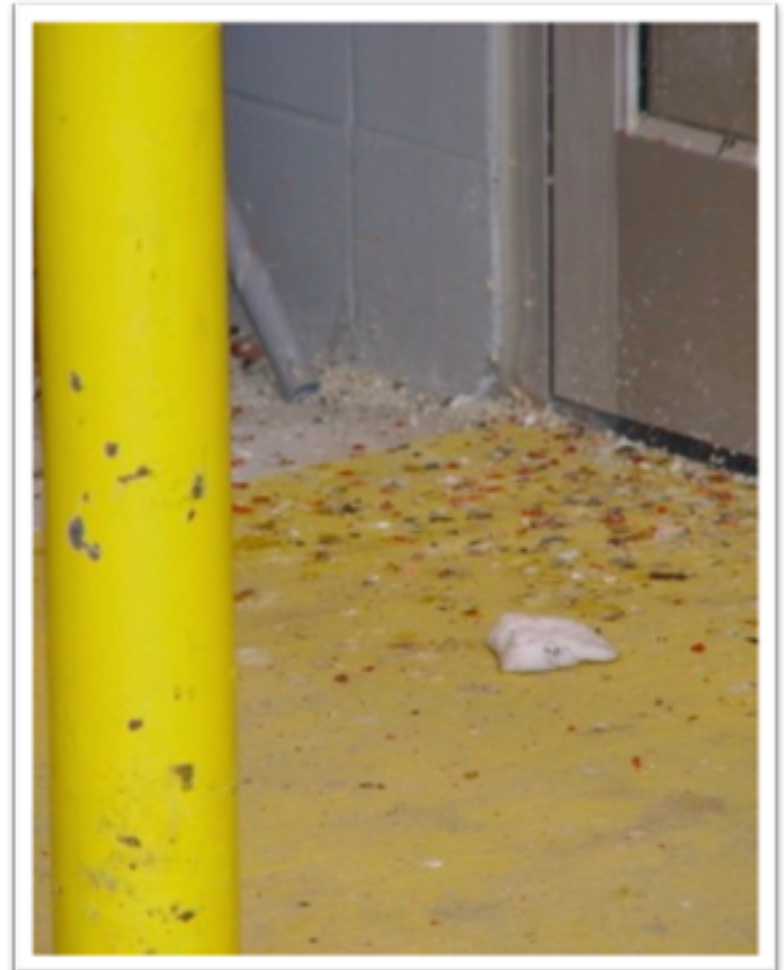


# Top 10 reasons for Bird Control in Industrial settings:

- 1.) **Liability from Disease Risks**
- 2.) **Liability from Slip and fall risks**
- 3.) **Damage to equipment**
- 4.) **Work stoppages**
- 5.) **Inventory damage**
- 6.) **Cost of clean up**
- 7.) **Secondary infestations**
- 8.) **Customer complaints**
- 9.) **Clogged drains**
- 10.) **Image problems**



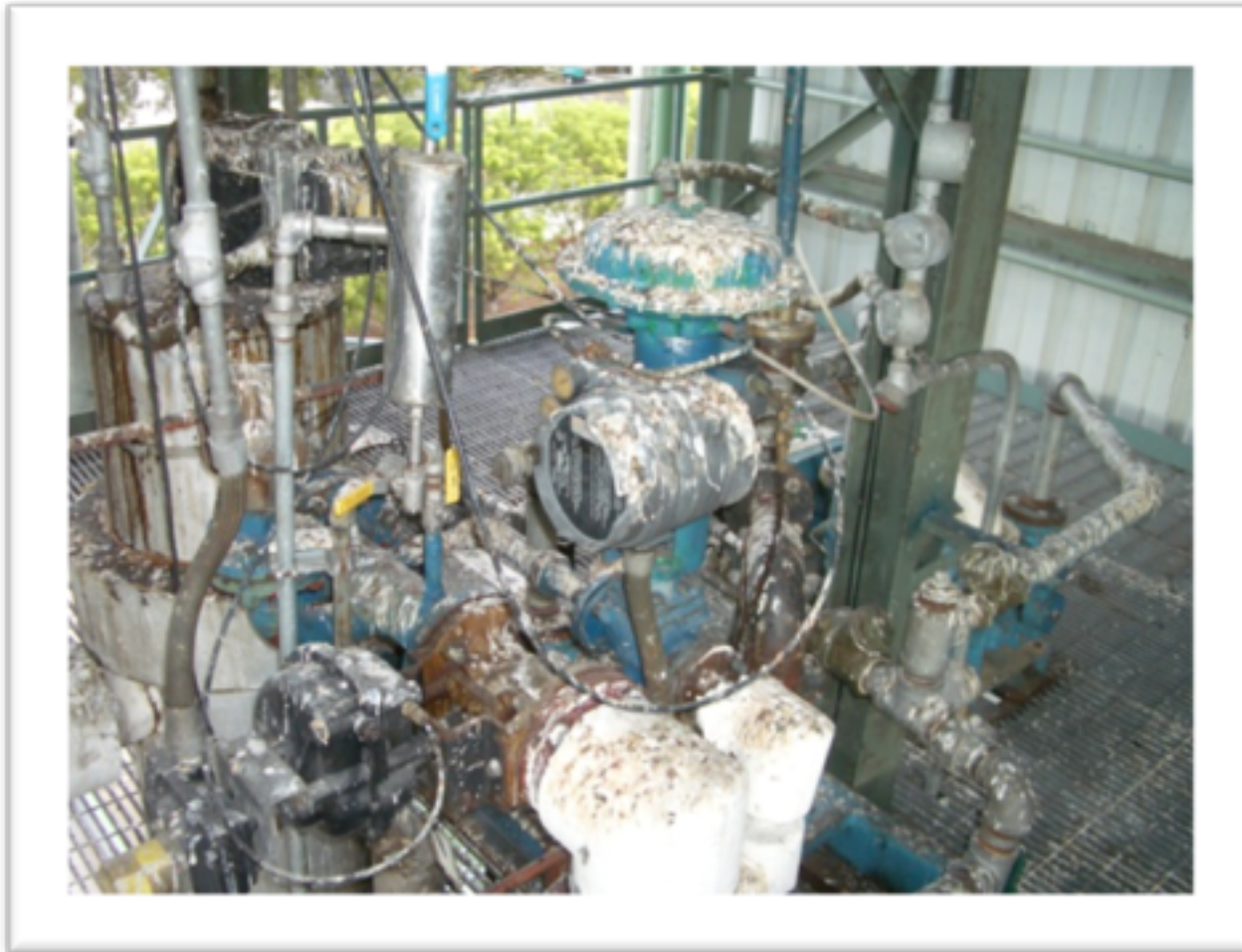
# Slip & Fall Risks



# Property Damage



# Work Stoppages

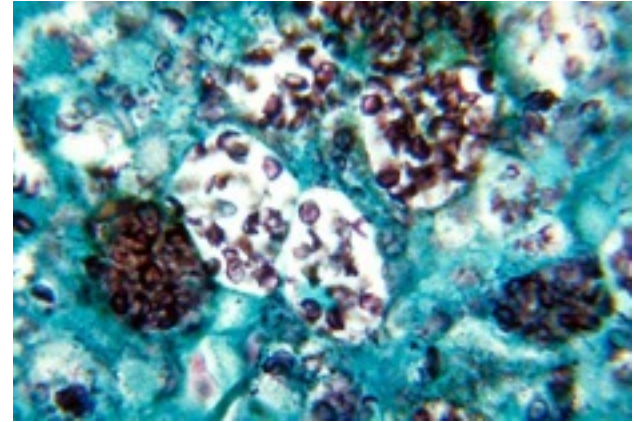


# Cost of Cleanup



# Health Risks

*64 Diseases include...*



- **Bacterial- Salmonella**, Paratyphoid, Vibriosis
- **Fungal- Histoplasmosis**, Candidiasis, Sarcopxridiosias
- **Viral- West Nile Virus**, Encephalitis, Meningitis
- **Protozoal- Toxoplasmosis**, Trichomoniasis, Rickettsial



# Diseases transmission from bird droppings:

## TYPES OF BIRD DISEASE TRANSMISSION

**INHALING**  
contaminated air

**INGESTING**  
contaminated food or drink

**DIRECT CONTACT**  
touching dead birds

**BITES**  
by insects



# Common Pest Birds



# Pigeon

*Columba livia*



- **Life Span:** 3 to 4 years
- **Food:** Human scraps, seeds, corn
- **Habitat:** Buildings, I-beams, recessed areas
- **Nesting:** Simple, twigs, debris & droppings .
- **Breeding:** Monogamous, 3-4 broods per year, 2-3 eggs. Incubate 18 days
  
- **2 pigeons generate 12 more birds per year**



# Starling

*Sturnus vulgaris*



- **Life Span:** 5 to 7 years
- **Food:** Insects, wild fruit, seeds, grain
- **Habitat:** Trees and buildings
- **Nesting:** Enclosed areas, small openings, often evict other birds
- **Breeding:** Two broods per year, 4-5 eggs, 12 day incubation
- **2 starlings generate 10 more birds per year**

# Sparrow

*Passer domesticus*



- **Size:** 5" to 6", 1oz
- **Life Span:** 1 to 2 years
- **Food:** Seeds, grains, insects and fruit
- **Habitat:** Trees and buildings
- **Nesting:** Enclosed areas, small openings, small twigs, grasses, twine (soft)
- **Breeding:** 3 broods per mating season, 4-7 eggs.
- **Sparrows Generate 21 more birds per year.**

# Gull

*Larus Pacificus*

- **Size:** 23” to 26”, 2 to 3 lbs
- **Life Span:** 15 to 25 years
- **Food:** Seafood, Human Scraps, Rodents, Reptiles
- **Habitat:** Ocean and Sea areas, drink saltwater
- **Nesting:** Open flat areas, sticks and twigs
- **Breeding:** 3 eggs incubate in 26 days
- **Gulls can generate 3 or more birds per year.**



# Crows

*Corvus Brachyrhynchos*



- **Size:** 16" to 20", 1 to 2 lbs
- **Life Span:** 15 to 25 years
- **Food:** Scavenge, Human Scraps, Road kill, other birds
- **Habitat:** All Regions
- **Nesting:** Trees, Towers, sticks and twigs
- **Breeding:** 3 to 6 eggs incubate in 18 days
- **Carriers** of West Nile Virus through mosquitos
- **Crows generate 15 or more birds per year.**

# Understanding Bird Pressure







***Bird pressure*** is defined by the commitment level of the birds due to:

- 1.) Food and water in the area
- 2.) Structural features ideal for nesting
- 3.) Alternative sites when excluded
- 4.) Pressure from multiple generations



# High Pressure

- **Birds are completely committed:**
- *Shelter, Nests & Night-Time Roost*



# Medium Pressure

- **Birds are fairly committed**
- *Unprotected ledges*
- *Little or no overhead protection*
- *Food sources nearby*
- *no nesting on the structure*



# Low Pressure

- **Very little commitment**
- *Open sunning areas*
- *Some droppings visible.*



# After Pressure is Confirmed: **Solution Strategy**

- **Pressure Level**
- **Species of birds**
- **Number of birds**
- **Treatment area**
- **Aesthetics**
- **Customer Budget**
- **Customer requirements**

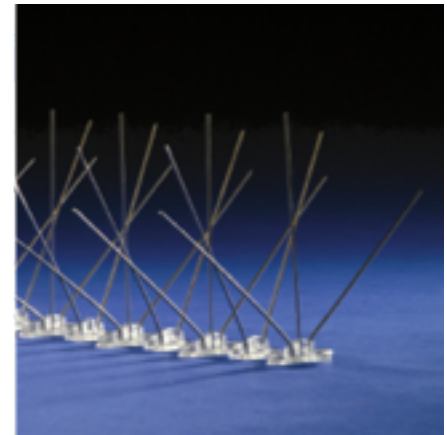
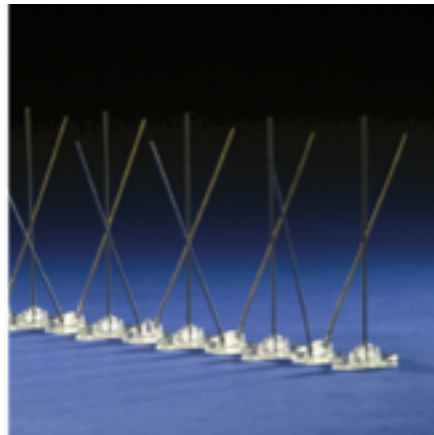
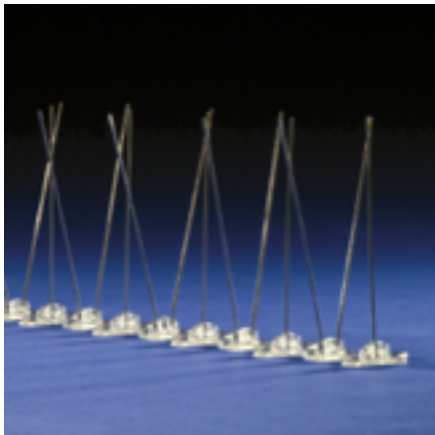




# Traditional Devices for Bird Control

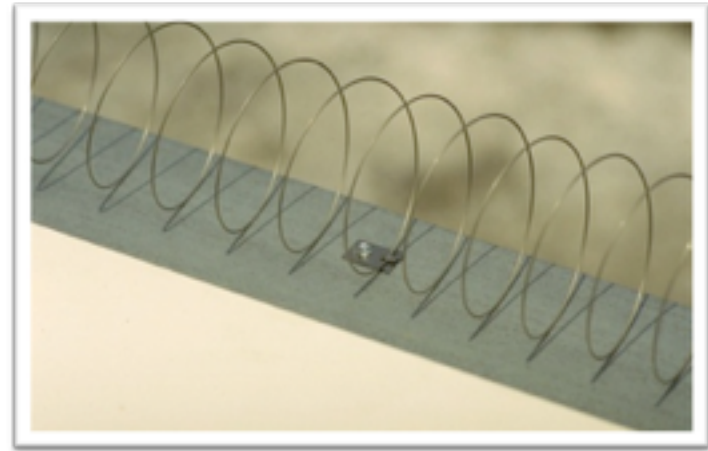


# Bird Spikes



- **Not for high pressure where there are nests**
- **For pigeons and larger birds only.**
- **Installation is fairly easy by gluing**
- **Prices vary with size and material**
- **Most common mistake: Spikes on nesting birds**

# Bird-Coil



- **Not for high pressure where there are nests.**
- **For pigeons and larger birds only.**
- **Inexpensive and easy installation.**
- **Use where spikes might be broken**





# Birdwire



- **Pressure: Light to medium**
- **Target species: Pigeons and larger**
- **Installation not difficult**
- **Low profile and lasts long**
- **Appealing to architects and owners**



# Tower Guard



- **Pressure: Medium to Heavy**
- **Target species: Gulls and larger**
- **Installation not difficult**
- **Non metallic- lasts long**
- **Appealing to electrical & Industrial**

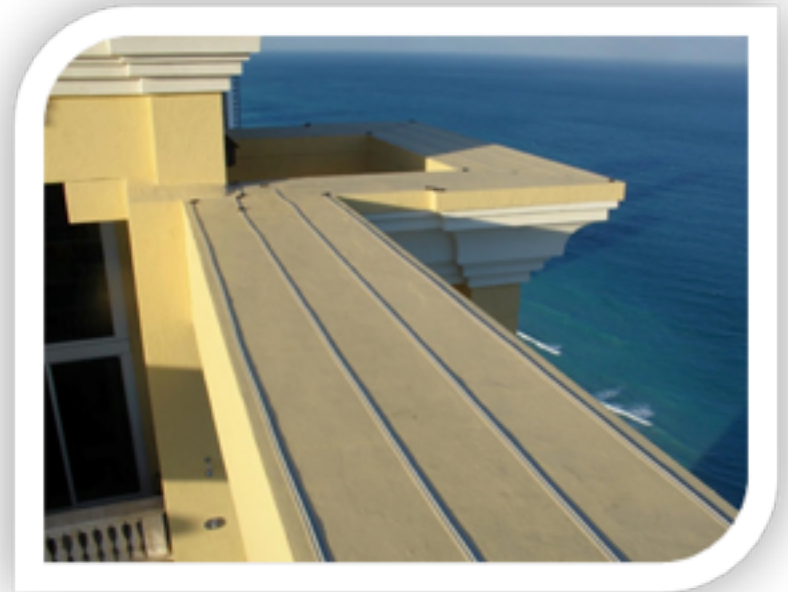
# Tower-Wire



- **Pressure: Medium to Heavy**
- **Target species: Starlings and larger**
- **Installation not difficult**
- **Non metallic- lasts long**
- **Appealing to electrical & Industrial**

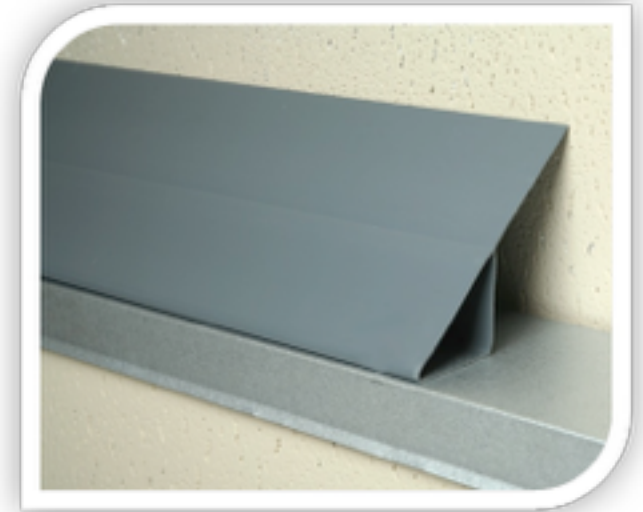
# Bird-Shock Flex-Track

- Works on all pressures and birds
- Installation- Medium
- Five color choices
- Very low profile
- Can be expensive



# BirdSlide

- Works on *all pressures*
- Target species: All
- Installation not difficult
- Non Metallic



# Daddi Long Legs



- **Pressure: Light to medium**
- **Species: Pigeons and Gulls**
- **Installation: Easy**
- **Industrial type protection**

# StealthNet



- **Pressure: ALL**
- **Target species: ALL**
- **Installation: Involved**
- **WHENEVER YOU CAN: USE NET**







# Newer Devices for Bird Control



# Eagle Eye





## Eagle Eye strategy required



- Reduces majority of present infestation
- Guaranteed results for pigeons, starlings, and gulls, if placement guide is followed
- Should be reinforced with dispersal, cleaning and physical deterrents
- Visible flashes may impact neighbors

# OvoControl®

OvoControl registered by **EPA**

Use on resident pigeons

Reduces flock 50% each year

Bite size, extruded kibbles





# Brand New Technology for Bird Control



# Optical Gel

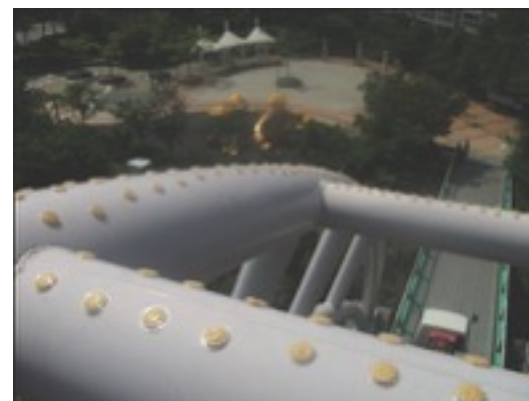
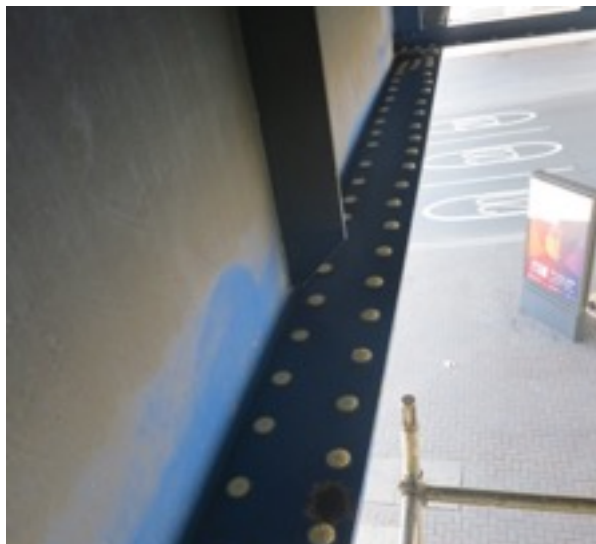


- Introduced to US Market in 2016
- Tested for 5 years before US market
- Weatherproof, last 2 to 4 years.
- Easy to install, *Must pretreat surfaces*
- Eco Friendly- Green components
- Allows anyone to do bird work.
- Low Cost for material and labor
- Can be used in *all pressure* situations
- Non Metallic
- ***This product is an absolute Game Changer in Bird Control for all industries***

# Optical Gel



# Optical Gel





# Optical Gel





# Professional guidance for bird control projects



# Free Remote Consulting checklist:

- 1.) LOCATE NESTS AND HOT SPOTS ON PROPERTY.
- 2.) TAKE PICTURES UP CLOSE OF DROPPINGS AND NESTS.
- 3.) TAKE MEASUREMENTS AND CONFIRM STRUCTURE MATERIALS
- 3.) CONFIRM ALL TYPES OF BIRDS AT SITE
- 4.) CONFIRM ALL HIGH PRESSURE AREAS
- 5.) ALLOW BIRD VENDOR TO CONFIRM STRATEGY FOR FREE





# Q & A

