

UTILITY ASSET RESILIENCE

EXPERIENCE

Flood Control international has been providing flood solutions to the world's power and utility companies for many years, and our service is tailored to deliver effective and dependable solutions to our utility clients. Factors such as security, operability and reliability are at the forefront of decisions over which system is most appropriate for each client and each site.

We are experienced in designing and delivering systems up to 15 ft high, and for lengths to suit any opening. Our experience in the specification in automated flood barriers is unsurpassed, with many systems able to run on automatic, have internet-linked control and notification, or operate with a simple push-button. Our experience ranges from programmes of up to 30 substation sites to whole water treatment sites and pumping stations.

DESIGN

Each solution is designed individually, and our professional design service identifies the most appropriate flood defense solution. We provide CAD drawings of all installations ensuring they fit in with client requirements and that they integrate correctly.



All of our systems are secure, easy to operate and dependable and our designs are underwritten by our flood-specific insurance.

RANGE

Flood Control International Inc has the widest range of flood defense products that suit the utility marketplace, as well as being able to design bespoke solutions where the specification requires. Our standard product range includes stop-log barriers that are suited to larger openings and deep flood depths, gates that operate on a level threshold enabling unhindered vehicular and pedestrian access, and flood doors that are security tested to enable direct replacement of existing doors to substations, pumping stations and secure sites.



APPLICABILITY

Our many years of experience in the successful design and manufacture of flood barriers, gates and doors demonstrates our commitment to deliver effective dependable solutions of the highest quality.

- All of our designs and products are underwritten by specific insurances.
- As standard, our products come with a 1 year warranty that is extendable with the provision of a Maintenance Contract.
- All products can be water-tested at the factory up to 8 ft flood height, or on-site as required.

PRODUCTS FOR UTILITY SITE PROTECTION



Stop-Log Barriers

Lightweight aluminum slot-in system with spans up to 8.2 ft as standard and heights up to 8.8 ft. Single-person operable, secure, long life and low maintenance.

Gates

Lightweight aluminum and steel gates that can operate over level thresholds. Standard widths to 15 ft and depths of up to 5 ft, with the ability to design larger spans and combination systems. Stainless steel and phosphur bronze hinges means they are virtually maintenance free.



Flood Security Doors

Flood proof when closed up to full height. Single and double doors available with overpanels where required. Permanent protection that can incorporate standard emergency escape hardware where required.



Pivot Barriers

Low cost and easy to operate barrier system for flood depths up to 24" System can be internally or externally mounted and uses gas-struts to enable single person operation.



Non-Return Valves

Simple and dependable in-line valve to prevent flood waters entering through the drainage system. Patented design ensures that full unrestricted flow is available under normal conditions to prevent ragging and blockages.

Structural Tanking

Where building perimeter protection is required, and flood depths and the structure are suitable, we can design and install tanking systems to prevent the ingress of flood waters through the walls and wall-base interface.



Sump Pumping

To deal with low level leakage through wall joints, seepage around penetrations and through porous elements, a reliable automatic sump pump will remove this infiltrated water before levels rise.