With over 30 years of experience in multi-point locking and code compliant security hardware, Securitech offers solutions to your application requirements.

**Applications:**
- High-Traffic Doors
- Hospitals, Retail Stores, Commercial Buildings
- Apartments & Residential Safe Rooms
- Windstorm and Blast Doors
What is 5000 series?
5000 series is a method of multi-point deadbolt locking and is customizable; operable as a single or multi-point lock. Available with a variety of bolt configurations, the 5000 series multi-point lock fastens the door to the frame like a bank vault lock, offering discreet protection with its deadbolts concealed within the door.

Durable By Design
- In 2001, Securitech was the first company to manufacture a lock that passed FEMA 320 & FEMA 361
- Meets and exceeds performance requirements of the latest revisions of FEMA P-361, P-320, and ICC 500
- Available for tested single doors up to 4’ x 10’ or double doors up to 8’ x 10’

Superior Protection
- Solid stainless steel deadbolt with 1” throw
- 5/8” dia. min 5” solid stainless steel vertical and/or horizontal deadbolts with 1” throw

Free Egress
- A single motion retracts the deadbolts simultaneously from the inside at all times.

Heavy-Duty, Stainless Steel Lever & Escutcheon
- Stands up to abuse; exterior lever is equipped with a vandal-resistant slip-clutch that will break away from force and is easily reset by lifting up the lever.

Additional Features & Options
- HVL model offers deadbolt projection horizontally into the frame, not the floor, preventing the deadbolt from jamming due to dirt and debris at the floor strike.
- Rigid Exterior Lever - Key always required for entry
- No latch models- For use with Psychiatric Seclusion Rooms or inactive leaf on pair of doors
- Oversize openings
- Contact Factory for custom applications

Specifications
- Lockbody fits into standard ANSI mortise lock prep
- Elevated edge plates eliminate need for special preparation in vertically stiffened hollow metal doors
- Accepts 1 1/4” or 1-3/8” mortise cylinders (standard & high-security)

Certifications
Fire Rated Models Available:
- Maximum Opening Sizes: 4’0” for single and 8’0”x8’0” for double doors
- Category C (up to 3 Hrs)
Applicable Standards:
- UL 10 (c) (R2015) Standard for Positive Pressure Fire Tests of Door Assemblies

How Does It Work?
Multi-point mortise locks provide life-safety and high security in one lockset. The traditional lock features, such as a key, a thumbturn or lever handles, operate all deadbolts simultaneously. Wide variety of functions is available to fulfill almost any application.

Protecting the Architectural Design:
Instead of altering the architectural design with the installation of additional locks on the door, (resulting in unsightly, unsafe amalgam of different holes, guard plates, and locks) specifying the 5000 series offers the ability to add greater security with multi-point locking in a discreet and aesthetic manner. While the door will look as it was designed, tenants will benefit with the highest levels of protection.

Special Locking Specialists:
Innovative applications for models without lever trim include locking the inactive leaf of a pair of doors, concealed security closets, public parks buildings and other areas subject to heavy vandalism.
**5000-IHD**

*Concealed Multi-Point Deadbolt System, Reinforced for High Pressure and Windstorm Applications*

**What is 5000-IHD series?**

5000-IHD series combines a traditional mortise lock with a concealed multi-point deadbolt system. Available with up to four deadbolts, and specifically reinforced to provide stronger door assembly, 5000-IHD series offers greater protection against devastating wind load forces and impacts of flying debris. IHD vertical deadbolts travel within the door and are reinforced by steel bolt guides and edge plates.

**Durable By Design**

- In 2001, Securitech was the first company to manufacture a lock that passed FEMA 320 & FEMA 361
- Meets and exceeds requirements shown in the latest revisions of FEMA P-361, P-320, and ICC 500
- Available for tested single doors up to 4’ x 10’ or double doors up to 8’ x 10’

**Superior Protection**

- Solid stainless steel deadbolt with 1” throw
- 5/8” dia. min 5” solid stainless steel vertical and/or horizontal deadbolts with 1” throw

**Free Egress**

- A single motion retracts the deadbolts simultaneously from the inside at all times.

**Heavy-Duty, Stainless Steel Lever & Escutcheon**

- Stands up to abuse; exterior lever is equipped with a vandal-resistant slip-clutch that will break away from force and is easily reset by lifting up the lever.

**Additional Features & Options**

- HVL model offers deadbolt projection horizontally into the frame, not the floor, eliminating the need of having a floor cavity and preventing the deadbolt from jamming due to dirt and debris at the floor strike.
- Available in entrance or other special functions upon request
- Deadbolt-only models also available for shutters
- Contact factory for custom applications

**Specifications**

- Lockbody fits into standard ANSI mortise lock prep
- Elevated edge plates eliminate need for special preparation in vertically stiffened hollow metal doors
- Additional edge plates allow installation in a variety of doors
- Accepts 1 1/4” or 1-3/8” length mortise cylinders (standard & high-security)

**Certifications**

*Fire Rated Models Available:*

- Maximum Opening Sizes: 4’0”x 8’0” for single and 8’0”x8’0” for double doors
- Category C (up to 3 Hrs)

*Applicable Standards:*

- UL 10 (c) (R2015) Standard for Positive Pressure Fire Tests of Door Assemblies

**For Tornado and Hurricane Safe Room Applications:**

- Door Size limitations (subject to change): Minimum 2’6” x 6’8” Maximum 4’0” x 10’0”
- Contact door/frame manufacturer for tested range of sizes
- FEMA P-361, Third Edition/March 2015, Safe Rooms for Tornadoes and Hurricanes, Guidance for Community and Residential Safe Rooms

**Model: 5411E-F13-IHD-HVL shown**

**How Does It Work?**

Multi-point mortise locks provide life-safety and high security in one lockset. The traditional lock features, such as a key, a thumbturn or lever handles, operate all deadbolts simultaneously. Wide variety of functions is available to fulfill almost any application.

**Protecting the Architectural Design:**

Instead of altering the architectural design with the installation of additional locks on the door, (resulting in unsightly, unsafe amalgam of different holes, guard plates, and locks) specifying the 5000 series offers the ability to add greater security with multi-point locking in a discreet and aesthetic manner. While the door will look as it was designed, tenants will benefit with the highest levels of protection.

**Special Locking Specialists:**

Innovative applications for models without lever trim include locking the inactive leaf of a pair of doors, concealed security closets, public parks buildings and other areas subject to heavy vandalism.
Specify The Right Level Of Security

MULTI-BOLT™ 5000 series mortise locks are available in single-point or multi-point models. With the multi-point feature, there is greater protection against forced entry. Vertical deadbolts are concealed within the door to meet security requirements.

For added protection, the 5000 series is even equipped to stand up to levels of abuse with its vandal resistant slip-clutch.

Lock Series

<table>
<thead>
<tr>
<th>51XX</th>
<th>52XX</th>
<th>52XX-V</th>
<th>53XX</th>
<th>54XX</th>
</tr>
</thead>
<tbody>
<tr>
<td>Primary bolt</td>
<td>Primary bolt &amp; top deadbolt</td>
<td>Top &amp; bottom vertical deadbolts</td>
<td>Primary, top &amp; bottom vertical deadbolts</td>
<td>Primary, top &amp; bottom vertical deadbolts, &amp; hinge side stationary deadbolt</td>
</tr>
</tbody>
</table>

Hinge Side Stationary Bolts

Hinge side bolts are not connected to the lock mechanism. The door swings away from the frame. The bolt doesn’t have to retract as it is moved out of the frame by door movement.

Edge Plates

Design of the edge plate varies to accommodate various applications and door types.

- Hollow metal doors with U-channel (inverted channel)
- Flush hollow metal doors or wood doors
- Windstorm models: Welded steel vertical bolt guide and edge plate for added resistance

Horizontal Lower Bolt Module

HVL offers deadbolt projection horizontally into the frame providing greater strength and does not require any holes to be drilled into the floor.

Lever Designs

- Tapered, with return
- Tapered, no return
- Tubular, with return
- Curved, with return

Additional Information

<table>
<thead>
<tr>
<th>Cylinders</th>
<th>Securitech mortise locks will work with cylinders from most manufacturers (standard or high-security)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cam Requirements</td>
<td>“Wing-type” cloverleaf cam is required for proper operation</td>
</tr>
<tr>
<td>Door Preparation</td>
<td>(5” is needed from edge of door for lock installation) Vertically-stiffened hollow metal recommended. 1¼ X 8” Mortise opening. Hinge-side bolt is not connected to the lock mechanism. Consult factory for templates.</td>
</tr>
<tr>
<td>Frame Preparation</td>
<td>ANSI 4½” strike standard. Dustproof strike standard. Strike holes in header &amp; hinge side to be field-drilled &amp; strike plates are not required.</td>
</tr>
</tbody>
</table>
### Deadbolt & Latch Functions

**F01M2**

**Passage or Closet Latch - Modified**

- Bolt(s) extended by thumbturn either side.
- When bolt(s) are extended, exterior lever is locked. Exterior key retracts bolt(s). When unlocked exterior lever retracts latch.
- Rotating interior lever retracts both bolt(s) and latch.
- Exterior lever unlocks exterior bolt(s) and latch and unlocks exterior lever.

Application: Windstorm bathroom shelter.

**F02M2**

**Privacy, Bedroom or Bath Lock - Modified**

- Bolt(s) extended by coin-slot cylinder exterior and thumbturn interior.
- When bolt(s) are extended, exterior lever is locked. Exterior coin-slot cylinder (for emergency) retracts bolt(s). When unlocked exterior lever retracts latch.
- Rotating interior lever retracts both bolt(s) and latch.

Application: Single bathroom shelter.

**F07M**

**Storeroom or Closet Lock - Modified**

- Bolt(s) extended by key exterior. Bolt(s) cannot be extended from interior.
- Exterior lever always rigid. Exterior key retracts bolt(s) and latch. Rotating interior lever retracts both bolt(s) and latch.

Application: Storeroom, building entrance.

**F07M2**

**Storeroom or Closet Lock - Modified with Interior Operation**

- Bolt(s) extended by key exterior and thumbturn interior.
- Exterior lever always rigid. Exterior key retracts bolt(s) and latch. Rotating interior lever retracts both bolt(s) and latch.

Application: Storeroom, cash room, safe room.

**F09M**

**Apartment, Entrance or Public Toilet Lock - Modified, Special Classroom**

- Bolt(s) extended by key either side.
- When bolt(s) are extended, exterior lever is locked. Exterior key retracts bolt(s). When unlocked exterior lever retracts latch.
- Rotating interior lever retracts both bolt(s) and latch and unlocks exterior lever.

Application: Classroom, office.

**F12**

**Dormitory or Exit Lock, Apartment**

- Bolt(s) extended by key exterior and thumbturn interior.
- When bolt(s) are extended, exterior lever is locked. Exterior key retracts bolt(s). When unlocked exterior lever can be made rigid by toggle.
- When unlocked exterior lever retracts latch. Rotating interior lever retracts both bolt(s) and latch and exterior remains locked or unlocked depending on toggle position.

Application: Apartment.

**F13**

**Entrance or Dormitory**

- Bolt(s) extended by key exterior and thumbturn interior.
- When bolt(s) are extended, exterior lever is locked. Exterior key retracts bolt(s). When unlocked exterior lever retracts latch.
- Rotating interior lever retracts both bolt(s) and latch and unlocks exterior lever.

Application: Entrance, safe room.

**F14M**

**Stockroom - Modified**

- Bolt(s) extended by key either side.
- When bolt(s) are extended, exterior lever is locked. Exterior key retracts bolt(s). When unlocked exterior lever retracts latch.
- When bolt(s) are extended, interior lever is locked. Interior key retracts bolt(s). When unlocked interior lever retracts latch.

Application: No free egress, partition for storm shelter.

### Deadbolt Only Functions

**F16**

**Dead Lock - Double Cylinder**

- Bolt(s) extended by key either side.
- No lever or rigid lever. Bolt(s) retracted by key either side.

Application: Inactive leaf of pair, store entrance.

**F17**

**Dead Lock - Single Cylinder with Thumbturn**

- Bolt(s) extended only by key exterior or thumbturn interior.
- No lever or rigid lever. Bolt(s) retracted by key exterior or thumbturn interior.

Application: Storm shutters, inactive leaf of pair, shelters, safe room.

**F17L**

**Dead Lock - Single Cylinder with Thumblever**

- Bolt(s) extended only by key exterior or thumblever interior.
- No lever or rigid lever. Bolt(s) retracted by key exterior or thumblever interior.

Application: Storm shutters, inactive leaf of pair, shelters, safe room.

**F17M**

**Dead Lock - Double Thumbturn**

- Bolt(s) extended only by thumbturn other side.
- No lever or rigid lever. Bolt(s) retracted by thumbturn other side.

Application: Storm shutters.

**F18**

**Dead Lock - Single Exterior Cylinder Only**

- Bolt(s) extended only by key exterior. Bolt(s) cannot be extended from interior.
- No lever or rigid lever. Bolt(s) retracted by key exterior.

Application: Inactive leaf of pair, quiet room.

**F18I**

**Dead Lock - Single Interior Cylinder Only**

- Bolt(s) extended only by key interior. Bolt(s) cannot be extended from exterior.
- No lever or rigid lever. Bolt(s) retracted by key interior.

Application: Inactive leaf of pair.
Model Builder
Sample Model Number: 5311E - F13 - CVR - HVL - LH - 630

All fields are required, unless option to omit is noted.

**Number of Locking Bolts**
1 - Primary bolt only
2 - Two-point bolt arrangement in lock stile
   See V models below for vertical arrangements
3 - Three-point bolt arrangement in lock stile
4 - Four-point bolt arrangement in lockside & stationary bolt in hinge stile

**Add-on**
BE - Blank escutcheon exterior, thru-bolted blank plate

**Functions**
(See functions sheet)

**Vertical Rod/Bolts Type**
CVR - Concealed vertical rods

**Horizontal Bolt Module**
(omit if N/A)
HVL - Horizontal lower bolt
HVU - Horizontal upper bolt
HV2 - Horizontal upper bolt, horizontal lower bolt

**Fire Rating**
(omit if N/A)
F - Fire-Rated

**Special Materials**
(omit if N/A)
ME - Marine environment lock

**Electronic Components**
(omit if N/A)
MX - Maglock release switches (in both levers)
BPS - Bolt position switch

**Door Size Options**
OH - Oversized height (>7’)
OT - Oversized thickness (>2’)

**Handing**
RH - Right hand
LH - Left hand
RHR - Right hand reverse
LHR - Left hand reverse

**Finish**
630 - Stainless steel
676 - Black powder coat
690 - Dark bronze painted

**Note**
- Specify 1 1/4” or 1-3/8” mortise cylinder by others - “wing-type” cloverleaf cam is required for proper operation.
- Fill out ordering “Dimensional Information” page and include with order to factory.
- Specify door thickness
- Door and frame to be fabricated according to Securitech templates for door and grout boxes and strike on frame.

**For IHD Models**
- Specify door manufacturer to be used on order.
- Doors and hardware are tested as a system. Consult factory for list of door manufacturers who have tested with our door hardware.
Not all manufacturers have tested for all models listed above.