Established in 1996 as a niche player in the global security market, Third Millennium specialises in the design, manufacture and distribution of advanced access control and electronic security products.

Third Millennium supplies many of the world’s leading security companies with reliable, high-quality identification and communication products. The company maintains a close working relationship with customers to ensure high levels of service and support.

With a proven record as an innovative solutions provider, Third Millennium actively seeks new product opportunities in the security market in collaboration with the company’s many industry and academic partners.

Third Millennium Products and Services include:

» Advanced Proximity Readers for Access Control

» Advanced Proximity and Keypad Readers for Access Control

» Biometric Fingerprint Verification Systems

» Smart, Secure and Contactless Readers and Cards

» Vandal Resistant Proximity and Keypad Readers

» Magnetic Stripe Card Readers

» Security Electronics and Software

» OEM Engineering Solutions

» ISO Style Cards and Key Fobs

This project has been part funded by the European Regional Development Fund
### ADVANCED ACCESS CONTROL READERS

<table>
<thead>
<tr>
<th>Series</th>
<th>Model 1</th>
<th>Model 4</th>
<th>Model 5</th>
<th>Model 7</th>
<th>Model X</th>
</tr>
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<tbody>
<tr>
<td>1</td>
<td>TM100</td>
<td>TM400</td>
<td>TM500</td>
<td>TM700</td>
<td>TMX00</td>
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<tr>
<td>4</td>
<td>TM130</td>
<td>TM430</td>
<td>TM530</td>
<td>TM730</td>
<td>TMX30</td>
</tr>
<tr>
<td>5</td>
<td>TM170</td>
<td>TM470</td>
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<td>X</td>
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</table>

#### TM1 SERIES READERS
The TM1 is designed to provide the “Lowest Installed Cost”. The TM1 mounts directly onto a standard UK light switch back box. It has a slim profile and a clip-on cover available in a range of colours to provide a clean aesthetic appeal.

#### TM4 SERIES READERS
The TM4 is the original Third Millennium proximity reader. It has a rugged construction and has been designed to surface mount onto the wall. A choice of body and screw covers is available to suit most corporate styles.

#### TM5 SERIES READERS
The TM5 keypad and integrated proximity module is the ultimate in sophistication and cost effectiveness. It is programmable and configurable to suit most applications. The robust push buttons are backlit and very tactile, making operation easy, particularly in harsh environments.

#### TM7 SERIES READERS
The TM7 is a biometric fingerprint reader with an integrated proximity module. It is designed to provide an intelligent, flexible and very secure entry system. The enrolment, verification and database management functions are contained in one maintenance free assembly.

#### TMX SERIES READERS
The TMX utilises the proven Storm keypad technology and has an integrated proximity module making it one of the most rugged and vandal resistant readers in its class. The reader can be flush or surface mounted and installation is quick and simple using tamper resistant stainless steel screws.

### KEY CUSTOMER BENEFITS

- **CUSTOMER BRANDING AVAILABLE**: The TM1, TM4, TM5, and the TM7 can be pre-ordered with brand names or company logos to reinforce corporate identity.
- **QUICK AND EASY TO INSTALL**: Readers may be fixed to all surfaces and specially moulded covers are provided to hide the fixing screws.
- **QUALITY DESIGN AND CONSTRUCTION**: The electronics are fully encapsulated and hermetically sealed in the housing (except TM7) and with over ten years’ electronic design experience in RFID technology, assuring complete peace of mind after installation.
- **FLEXIBLE CONNECTION**: All readers have visual indicators and an integral speaker allowing for various connection combinations. A wide input power supply range of +5Vdc to +16Vdc (except TM7: +12Vdc) provides compatibility to most access control systems.
- **COMPREHENSIVE DOCUMENTATION**: Data sheets and installation manuals are available for all products.

### PRODUCT SELECTION AND PART NUMBERING

**Example:**
TM102/A34 is a light switch style proximity reader with Third Millennium technology and a customer specific 34 bit wiegand output.

<table>
<thead>
<tr>
<th>READER SIZE</th>
<th>TECHNOLOGY</th>
<th>OUTPUT FORMAT</th>
<th>CUSTOMER SPECIFIC (OPTIONAL)</th>
</tr>
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<tbody>
<tr>
<td>1 Light Switch Proximity</td>
<td>0 Third Millennium</td>
<td>0 Pass Through</td>
<td>0 Watermark</td>
</tr>
<tr>
<td>4 Standard Proximity</td>
<td>3 HID</td>
<td>1 Clock &amp; Data</td>
<td>4 RS232</td>
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<tr>
<td>5 Proximity/Keypad</td>
<td>7 Legic</td>
<td>2 Wiegand</td>
<td></td>
</tr>
<tr>
<td>7 Fingerprint/Proximity</td>
<td>8 Mifare</td>
<td>3 Watermark</td>
<td></td>
</tr>
<tr>
<td>9 Storm Keypad/Proximity</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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