VT Functional™ PVD coatings are custom-designed to make your product last longer, operate more efficiently due to lower friction, withstand high temperatures, and resist corrosion. This improved durability comes from a coating only microns thick, suitable for even the highest tolerance parts.

**Benefits**
Improves the hardness and durability of even the hardest, heat-treated steel.

**Applications**
Applications include machine tooling, engine & chassis components, cutting tools, & medical devices.

**Optimization**
Coating and process customized to meet your specific functional requirements.

**Common coating materials:**
- Chromium Nitride
- Zirconium Nitride
- Titanium Nitride
- Titanium Carbide
- Titanium CarboNitride
- Titanium Aluminum Nitride
- Diamond-Like Carbon (DLC)

**Characteristics**
VT Functional coatings are not just metal, but rather materials made by reacting chromium, titanium, zirconium, or other metals with oxygen, nitrogen, or carbon.

**Contact Us**
6400 Dry Creek Parkway
Longmont, CO 80503 USA
303-652-8500
vtsales@vaportech.com