

```
sub_407F10 proc near
var_1C= byte ptr -1Ch
var_14= dword ptr -14h
var_10= dword ptr -10h

push    ebx
push    esi
push    edi
add    esp, 0FFFFFFF0h
mov    ebx, eax
mov    edx, esp
mov    ecx, 5
mov    eax, [ebx+8]
call    dword ptr [ebx+4]
cmp    eax, 5
jz     short loc_407F34
```

```
    mov    eax, 1
    call   sub_407D7C
```

```
loc_407F34:
lea    eax, [ebx+10h]
xor    ecx, ecx
mov    edx, 50h
call   sub_40277C
push   5
lea    eax, [esp+20h+var_14]
push   eax
lea    eax, [esp+24h+var_10]
push   eax
lea    ecx, [esp+28h+var_1C]
lea    eax, [ebx+10h]
mov    edx, 50h
call   sub_408AA8
test   eax, eax
jz     short loc_407F6E
```

```
    mov    eax, 3
    call   sub_407D7C
```

```
loc_407F6E:
cmp    [esp+1Ch+var_10], 4000000h
jbe   short loc_407F82
```

```
    mov    eax, 7
    call   sub_407D7C
```

```
loc_407F82:
mov    esi, [esp+1Ch+var_14]
add    esi, [esp+1Ch+var_10]
cmp    esi, [ebx+64h]
jz     short loc_407FB6
```

```
mov    eax, ebx
call   sub_407EB8
push   4          ; flProtect
push   1000h      ; flAllocationType
push   esi         ; dwSize
push   0          ; lpAddress
call   VirtualAlloc_0
mov    edi, eax
mov    [ebx+60h], edi
test   edi, edi
jnz   short loc_407FB3
```

```
    call   sub_405884
```

```
loc_407FB3:
mov    [ebx+64h], esi
```

```
loc_407FB6:
mov    ecx, [ebx+60h]
add    ecx, [esp+1Ch+var_14]
lea    eax, [ebx+10h]
mov    edx, [ebx+60h]
call   sub_408AF8
mov    byte ptr [ebx+0Dh], 1
add    esp, 10h
pop    edi
pop    esi
pop    ebx
ret
sub_407F10 endp
```