

```
; Attributes: bp-based frame
sub_4024D0 proc near
var_4= dword ptr -4

push    ebp
mov     ebp, esp
push    ecx
push    ebx
push    esi
push    edi
mov     esi, edx
mov     ebx, eax
cmp     ds:byte_40C415, 0
jnz     short loc_4024F7
```

```
call    sub_401918
test   al, al
jnz    short loc_4024F7
```

```
loc_4024F7:
xor    edx, edx
push   ebp
push   offset loc_402582
push   dword ptr fs:[edx]
mov    fs:[edx], esp
cmp    ds:byte_40C032, 0
jz    short loc_402518
```

```
push   offset CriticalSection ; lpCriticalSection
call   EnterCriticalSection
```

```
loc_402518:
mov    edx, esi
mov    eax, ebx
call   sub_402300
test  al, al
jz    short loc_40252A
```

```
loc_40252A:
mov    eax, esi
call   sub_401FD4
mov    edi, eax
mov    eax, ebx
sub   eax, 4
mov    eax, [eax]
and   eax, 7FFFFFFCh
sub   eax, 4
cmp   esi, eax
jge   short loc_402548
```

```
loc_402548:
test  edi, edi
jz    short loc_40255E
```

```
loc_40255E:
mov    ecx, eax
mov    edx, edi
mov    eax, ebx
call   sub_402684
mov    eax, ebx
call   sub_40215C
```

```
mov    [ebp+var_4], ebx
jmp    short loc_402561
```

```
loc_40255E:
mov    [ebp+var_4], edi
```

```
loc_402561:
xor    eax, eax
pop    edx
pop    ecx
pop    edx
mov    fs:[eax], edx
push   offset loc_402589
```

```
loc_40256E:
cmp    ds:byte_40C032, 0
jz    short loc_402581
```

```
push   offset CriticalSection ; lpCriticalSection
call   LeaveCriticalSection
```

```
xor    eax, eax
mov    [ebp+var_4], eax
jmp    loc_402589
```

```
loc_402581:
ret
```

```
loc_402589:
mov    eax, [ebp+var_4]
pop    edi
pop    esi
pop    ebx
pop    ecx
pop    ebp
ret
sub_4024D0 endp
```