

PATsmart™ ViPER® and SecureVPT™ Software for FlowVPX® System Suggested User Access Level

Abstract:	This document provides details of suggested security parameters within the PATsmart™ SecureVPT™ Software settings.
Applicability:	This article applies to the SecureVPT settings tool, which is a part of the PATsmart ViPER® ANALYTIX Software.
Symptom:	N/A
Cause:	Use of the SecureVPT settings and the companies' need to configure the software to best meet their internal requirements. It is the responsibility of each company to implement this software and the environmental requirements relating to data integrity.

Detailed Info: SecureVPT Security Guidance for ViPER Software

The SecureVPT settings make it very easy to configure profiles by user and group. It is recommended that the types of operators be placed into five categories: VPX Admin, VPX IT Admin, VPX Power User, VPX User, and VPX Reviewer. When setting up users and groups it is important to specify access rights so that user accounts can perform their responsibilities without error. Each operator will have a different role, and thus have different sets of software permissions. The settings that must be configured are ViPER Role, User Type, and Feature Access.

- ViPER Role: Allows the user to choose their level of administrative access
- User Type: Allows the user to choose their type of access within each application
- Feature Access: Allows the user to customize their permissions by toggling the parameter on or off

Note: User Type takes priority over Feature Access permissions. If a User Type is set to Data Acquisition or Data Review, some Feature Access permissions will be nonfunctional even if they are toggled on. Feature Access is only fully functional when the User Type is set to Full Control.

Table 1. Recommended User Access Levels

Application	Action	VPX Admin	VPX IT Admin	VPX Power User	VPX User	VPX Reviewer
General	ViPER Role	All Admin	All Admin	None	None	None
Manual Controls	User Type	Full Control	None	Full Control	Data Acquisition	Data Review
	Allow Quick Check	On	Off	On	Off	Off
	View Photometrics Settings	On	Off	Off	Off	Off
	View Quick Scan	On	Off	Off	Off	Off
Quick Kinetics	User Type	Full Control	None	Full Control	Data Acquisition	Data Review
	Allow Quick Check	On	Off	On	On	Off

Quick Kinetics	Audit Log Access—Full	On	Off	On	On	On
	Audit Log Access—None	Off	Off	Off	Off	Off
	Audit Log Access—User (allows access to user's own logs only)	Off	Off	Off	Off	Off
	Configure Graphs	On	Off	On	Off	Off
	Configure User Result	On	Off	On	Off	Off
	Configure Value Triggers	On	Off	On	Off	Off
	Export Cycle Data	On	Off	On	On	On
	Export Raw Data	On	Off	On	On	On
	Modify Baseline Correction	On	Off	On	Off	Off
	Modify Extinction Coefficient	On	Off	On	Off	Off
	Modify Flow Cell Size	On	Off	On	On	Off
	Modify I/O	On	Off	On	Off	Off
	Modify Pathlength	On	Off	On	Off	Off
	Modify Scatter Correction	On	Off	On	Off	Off
	Modify Timer Configuration	On	Off	On	Off	Off
	Modify Wavelength	On	Off	On	Off	Off
	Open ALL Data	On	Off	On	On	On
	Open ALL Methods	On	Off	On	On	On
	Open Legacy Data	On	Off	On	On	On
	Save New Method	On	Off	On	Off	Off
	Save Report	On	Off	On	Off	Off
	Slope Mode—Fixed	On	Off	On	Off	Off
	Slope Mode—Quick	On	Off	On	Off	Off
	View Raw Data Window	On	Off	On	On	On
	View Reporter Window	On	Off	On	On	On
	View Slope Data Window	On	Off	On	On	On
	View Tabular Data Window	On	Off	On	On	On
Validate VPT	User Type	Full Control	None	Full Control	Full Control (limit in Feature Access)	Data Review
	Allow Coupler Align	On	Off	On	Off	Off
	Allow Coupler Check	On	Off	On	Off	Off
	Allow Quick Check	On	Off	On	On	Off
	Allow QVCA Testing	On	Off	On	Off	Off
	Allow White Light	On	Off	On	Off	Off

Detailed Info: eSign App Configuration Security Guidance for ViPER Software

The eSign app configuration page allows users to assign eSign points as the type of signatures required for each application. There are three types of eSign roles: author, reviewer, and approver.

- Author: The user that initiated the action
- Reviewer: The user that reviewed the action
- Approver: The user that must provide a final sign-off when the action has gone through review

Table 2. eSign App Configuration

Application	Action	Author	Reviewer	Approver
Quick Kinetics	Start Data Collection	X		
	Stop Data Collection	X		X
	Start Baseline Collection	X		
	End Baseline Collection	X		
	Save a Method	X	X	X
	Save a Report	X	X	X
ValidateVPT	End Quick Check	X		X
	End Coupler Check	X		X
	End QVCA Testing	X		X

Detailed Info: eSign User Configuration Security Guidance for ViPER Software

The eSign user configuration page allows users to assign eSign roles for each user in a group. There are four types of eSign roles: author, reviewer, approver, and overrider.

- Author: The user that initiated the action
- Reviewer: The user that reviewed the action
- Approver: The user that must provide a final sign-off when the action has gone through review
- Overrider: In the instance of a failed eSignature attempt, the overrider is required to eSign to bypass the eSignature.

Note: You **cannot** authorize, review, and approve your **own** data. One eSign role is only meant for one user.

Table 3. eSign User Configuration

Application	Author	Reviewer	Approver	Overrider
Quick Kinetics	VPX Admin, VPX Power User, VPX User	VPX Admin, VPX Reviewer	VPX Admin, VPX Power User	VPX Admin
ValidateVPT	VPX Admin, VPX Power User, VPX User	VPX Admin, VPX Reviewer	VPX Admin, VPX Power User	VPX Admin

Prepared By:

Repligen Corporation

Process Analytics Offices and Manufacturing Facility

685 Route 202/206 Bridgewater, NJ 08807

 +1 908-707-1009

 analytics-support@repligen.com