



Prancer RTSM®

Data Sheet

Table of Contents

Prancer RTSM®	3
----------------------	----------

Differentiators	3
------------------------	----------

Intuitive Design
Transparent and Collaborative
Adaptive and Reliable
Dynamic Resupply

Prancer RTSM® Configurable Solutions	5
---------------------------------------------	----------

Prancer RTSM® Lite
Prancer RTSM® Supply / Rand Only
Prancer RTSM® Platform

4C Supply® Integration	9
-------------------------------	----------

Overview
Prancer RTSM® Real-Time Actuals Integration
Joint Prancer RTSM® & 4C Supply® Solution

Prancer RTSM®

Prancer RTSM® leverages modern technology to enable cutting-edge science.

As a fully cloud-based, 100% configurable and flexible randomization and supply management solution, Prancer RTSM® utilizes natural language processing (NLP) and integrated supply forecasting to address the rising complexities and challenges of clinical trials.

Prancer RTSM® is easily configured to meet the needs of the largest pharmaceutical companies to nimble biotechs throughout the drug development life cycle and is able to scale with you from early Phase 1 to post-approval.

Differentiators

Wherever the science leads, we can follow.™

Intuitive
Design

Transparent
and
Collaborative

Adaptive
and
Reliable

Dynamic
Resupply

Intuitive Design

Prancer RTSM® was designed with the end user in mind. This ensures no matter the complexity of the protocol, the intricacies of the build are behind the scenes, so the site user is ultimately able to focus on their main priority, the patient. Our system aids in simplifying the complex so there will be no surprises along the way, whether focusing on the build, the site user experience, resupply, or changes post go-live. Informative text and dynamic progress bars support users so they know what to expect from screen to screen and are easily able to navigate through the system. Success comes from 4G doing everything we can to aid the user experience so the science can lead.

Differentiators

Transparent and Collaborative

4G Clinical utilizes an agile, iterative approach to system delivery. Through several iterations of the system, sponsors collaborate with 4G Clinical experts and make adjustments based on everything from design choices to system flow and study-specific vernacular, in real-time, all before traditional UAT. You will be able to see your study built using our best practices, starting at the kickoff and incorporating your changes along the way to reach your ideal design. This approach ensures there is nothing lost in translation from the written specifications to the system build.

Adaptive and Reliable

We understand that clinical trials may need to adapt along the way, and we believe that your RTSM should welcome these adjustments. From kick-off to study archive, changes planned or not can be made to your design while adhering to strict quality controls. Since flexibility is built in, you can shift gears mid-study to follow the science. Sponsors are able to design and execute the trial they want, without the worry of technology or process limitations. Your RTSM should never hold you back.

Dynamic Resupply

Prancer RTSM® has a fully integrated and intuitive forecasting engine, taking the manual work out of site and depot forecasting. The system calculates the total demand for sites and depots by combining buffer levels with dynamically updated demand for existing patients – allowing you to focus on making decisions based on business need, rather than spending your time on manual calculations or interpreting complex statistical algorithms. No matter how simple or complex the supply chain may be, our platform offers complete transparency and control over the management of your supply strategy, without contacting support to assist and without requiring system changes.

Prancer RTSM®

100% Scalable across Clinical Development Life Cycle

For studies that require a full range of robust features, Prancer RTSM® is the ideal solution. We pride ourselves on always solving the customers' needs, and finding innovative ways to solve challenges by offering a wide range of configurations.

We also recognize there are many other studies along the clinical development life cycle that do not require the same robust feature set, such as simple design/paper studies or Investigator Sponsored Trials (ISTs), that can benefit from traceability, quality and supply management features without the price of a full RTSM.

For these studies, we are able to configure Prancer RTSM® to only include the needed functionality and therefore we are able to offer solutions for non-traditional RTSM studies that meet budgetary constraints. Since these offerings are configurations of Prancer RTSM® and not a new product, we can easily scale with you through additional configurations. This can include a transition to a full RTSM capable of handling complex trials.

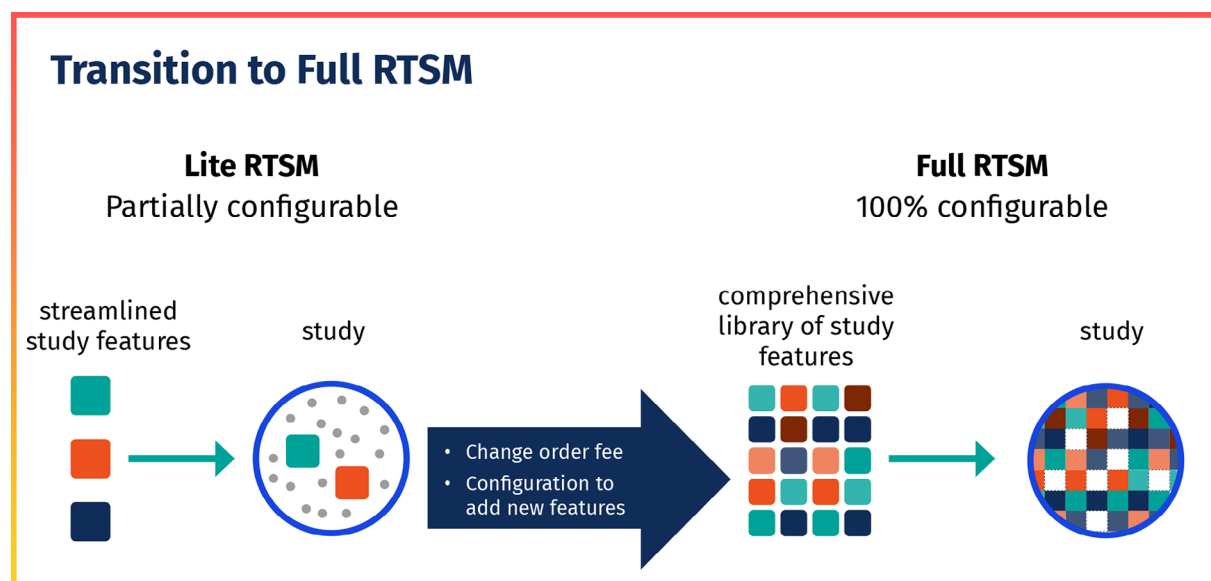
Solutions throughout clinical development:

Product	Sub-Offering	Criteria	3-1yr Pre-FPI	Phase 1	Proof of Concept Phase 2-3	Registrational Phase 2-3	Post Marketing	Investigator Sponsored Trials
Prancer RTSM®		Robust functionality 100% configurability						
	Lite	Essential functionality only						
	Platform	Grouping of small studies for inventory management						
	Supply or Rand Only	Randomization or site resupply only						
4C Supply®		End-to-end clinical supply optimization						

Prancer RTSM® Lite

Prancer RTSM® Lite is a safer, less error prone way to manage trials currently managed on paper. It is an efficient and affordable solution for studies that only require basic patient screening, enrollment and drug supply management that would have otherwise been managed in Excel sheets. Prancer RTSM® Lite studies are implemented in 6-8 weeks from start to finish.

If you find that your study takes off and you need more functionality, the transition to a full RTSM is primarily a contracting exercise. Delivery of the full RTSM is also simplified. Adding features is a configuration change that requires zero customization and can be completed in weeks, not months. All your data is within the same URL and the transition is seamless to your site users.



Lite uses the same product as full RTSM, unused features are dormant

- No change in study access for site users
- Simple configuration to add new features as needed in the future (new cohorts etc.)

For more detailed information on Prancer RTSM® Lite, please refer to:
4gclinical.com/prancer-rtsm-lite

Prancer RTSM® Platform

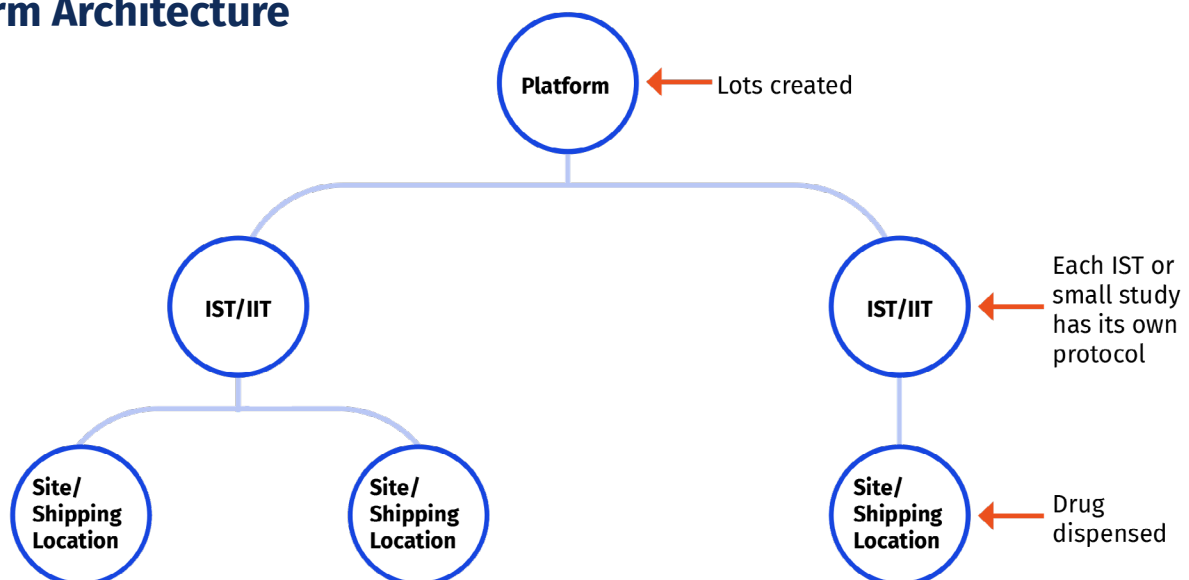
Prancer RTSM® Platform allows you to manage similar studies in a single location. Intended primarily for supply only studies, the Platform contains many protocols and the sites / shipping locations used in each. This solution is frequently used to manage investigator sponsored trials (aka IST or IIT).

4G Clinical builds a single platform where you can manage all the sites across multiple protocols. If all the studies have the same dispensing schedule the Platform can track patients as well, but the configuration is best for studies where there are limited or no patient actions.

In most cases, the Platform is used for supply management alone, to offer all the inventory tracking that would otherwise be captured on Excel sheets that quickly get out of date. Clinical sites can receive shipments, submit supply requests, and update inventory statuses as each study progresses. Sponsors can review supply requests, manage available packaged lots, process temperature excursions, and resupply based on thresholds or expiry dates.

The pricing is per platform, the number of studies per platform is unlimited. A full RTSM solution for each of these small studies would be unreasonable, but in aggregate they can be a significant resource drain and difficult to manage. An aggregated platform offers a solution that saves time and offers meaningful value.

Platform Architecture



Prancer RTSM® Supply or Rand Only

Prancer RTSM® Supply or Rand Only configurations are ideal for studies with limited visit schedules or simple supply strategies. They can track only patients, or only supplies, but not both. Pricing is based on feature selection.

Randomization Only	Supply Only
<ul style="list-style-type: none">• No lots, no inventory• Patients randomized in system by unblinded pharmacist OR study is open label• Often used when randomization needed but there are few sites or few visits, making supply calculations very simple	<ul style="list-style-type: none">• No patients• Sites may also order inventory• Resupply done manually, based on orders or a fixed schedule, or use min/max thresholds and sites must mark inventory as dispensed• Often used when transitioning from paper-based

4C Supply[®] Integration

Overview

4C Supply[®] is an innovative clinical supply optimization solution leveraging natural language processing (NLP) to turn study parameters from plain English into detailed forecasts, giving you full transparency and complete control of supply decisions.

4C Supply[®] brings simplicity and speed without the error prone processes of Excel or the need for external SMEs required by existing commercial tools. From early-stage feasibility planning through study completion, informing supply chain decisions has never been easier.



Excel - The Industry Standard

- ☐ Slow - Manual process
- ☒ Easy-to-use, known platform
- ☐ Not automated, difficult to scale
- ☐ Risk: Human error
- ☐ Labour intensive



Available Commercial Tools

- ☐ Slow - Input changes and processing time
- ☐ Complex - Difficult to verify outcome based on inputs
- ☐ Not automated - Lack of integration, uncertainty applied to study duration
- ☐ Risk: Lack of understanding, blindly trust results and expensive
- ☒ Reproducibility at study level



4C Supply[®]

- ☒ Fast- Dynamically adjust forecast in moments
- ☒ Easy-to-use, intuitive
- ☒ Fully automated, adapts to any level of input
- ☒ Opportunity: Powerful visualizations, scenario comparisons and real-time reporting
- ☒ Ability to aggregate to compound and network level

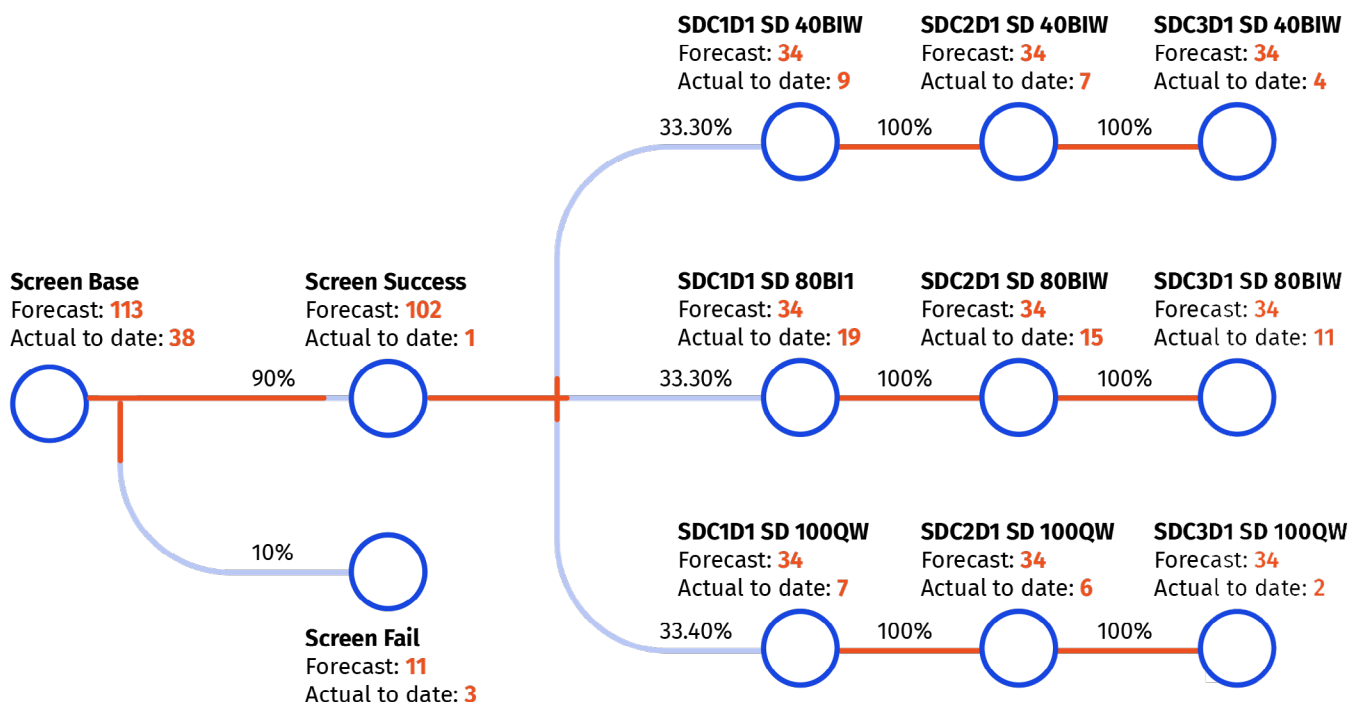
Real-Time Actuals Integration

The RTSM supply actuals provide sponsors insight on how the study is progressing, enabling them to compare the actual performance over time against the assumptions included in the previous forecast.

It is extremely important not only to look at the actuals versus assumptions at the study level but also at the regional, country and even site levels to confirm adequate resupply strategies are in place. The sooner deviations of actuals versus assumptions are detected, the sooner corrections can be made to production and/or distribution plans to adapt and prevent scrap or stock-outs.

Prancer RTSM® is now fully integrated with 4C Supply®, enabling sponsors to leverage real-time supply data into their demand and supply planning throughout the study life cycle.

Patient Treatment Tree includes actual patients



Joint Prancer RTSM® & 4C Supply® Solution

Prancer RTSM® and 4C Supply® are separate solutions. However, together they provide powerful insights to better inform your supply strategy. The seamless integration between the two systems provide real-time adjustments to forecasts for more accurate supply planning. Contact us today for a joint demonstration.

About 4G Clinical

4G Clinical is a company anchored in purpose, stemming from an abject intolerance of the time required to get medications to patients. While we may not discover the next novel compound in the lab, we leverage our experience and technological innovation to bring agility to clinical trials.

Our team understands the direct impact we have on patient's lives and the ability for sponsors to bring new medicines to the market. And we are committed to helping sponsors and CROs follow the science, wherever it may lead, as quickly and as safely as possible.



Bringing crucial medicines to
those who need them, *faster*.

4gclinical.com