

# AgileTrac™ Healthcare Solutions

Information that leads to better outcomes.

Smart decisions depend on complete information, delivered when and where you need it. AgileTrac from GE Healthcare is a family of software products that helps your staff make smart decisions at every point of care — leading to better quality of care and better business outcomes.

This comprehensive, flexible system uses Real-time Location System (RTLS) technology to track people, processes and mobile medical assets throughout the healthcare enterprise. Up-to-the-minute data helps inform staff decisions to help streamline care delivery, manage resources and improve the patient experience. The system is easy to implement, easy to use and designed for your complex needs:

- **Single-source solution** — We provide turnkey service from RTLS hardware and software design through implementation and beyond, with expert support at every step.
- **Comprehensive information** — AgileTrac is capable of tracking assets, patients and staff throughout the workflow processes of specific departments or enterprise-wide.
- **Works with your existing system** — The software uses real-time data from your RTLS and clinical information systems, for a better return on your technology investment.
- **Completely scalable** — The system features a stable platform with multiple modules that can be used individually or work together across the enterprise.

## The enterprise-class solution.

The AgileTrac system is designed for easy implementation and use across a variety of facilities and roles. It's a cost-effective system that will grow with your needs:

- **Unlimited number of users** for easy implementation of the solution
- **Role-based access controls** ensure you control the flow of information across the enterprise
- **Multi-facility support** allows you to integrate information and inventory across facilities and makes the solution easily expandable



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# A platform that performs at the next level.

The AgileTrac software solution is built on a platform designed for your demanding hospital environment. It is flexible, scalable and incredibly easy to use, while incorporating sophisticated tools that deliver the dynamic information you need.

## Easy to access, easy to use, easy to expand.

A fully web-based graphical user interface (GUI) makes the system flexible and easy to use via multiple access points, including the hospital intranet, PDAs and kiosks. The service-oriented architecture (SOA) makes AgileTrac easy to integrate across multiple operating systems.

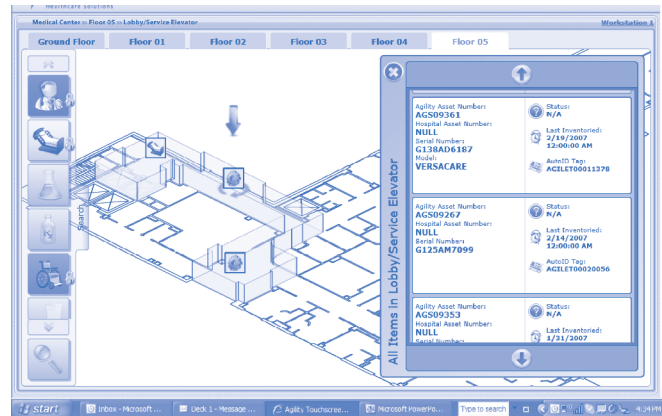
## Robust workflow engine.

The system is designed to process vast amounts of input from multiple sources and deliver vital information about the location and the status of patients and assets throughout your facility:

- **Configurable workflows** can be customized by user or department
- **Status-based alerts** follow the process points of users, patients and assets
- **Movement-based alerts** define and warn of illegal and unscheduled movements

## Customized, flexible reports.

AgileTrac lets you see trends and events in a variety of formats for easier reporting, compliance and process improvement. Easily create graphs and tables that can be exported to Excel® or CSV files.



Find out how the AgileTrac system can help you improve the quality of patient care and increase your business opportunities. Contact your GE Healthcare representative or visit [www.gehealthcare.com/agiletrac](http://www.gehealthcare.com/agiletrac).

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# Making room for more productivity.

## AgileTrac™ Bed Manager

Where your patients stay — and for how long — is vital to your hospital's productivity. Delays in patient admissions, transfers and discharges lead to inefficient workflow for staff, frustrating wait times for patients, poor use of rooms and resources, and lost revenue opportunities for your facility.

AgileTrac Bed Manager from GE Healthcare helps you improve the bed management process by automating key processes and streamlining workflow. So you can speed patient admissions and discharges, maximize use of hospital resources and shorten patient stays. It's an intelligent system that offers immediate advantages through these benefits:

- Streamlined patient flow via real-time tracking of patients, staff and resources
- Improved staff productivity with automated processes and notifications
- Shortened length of patient stay and improved room utilization
- Better flow of information through integration with hospital ADT systems
- Improved bed turnover and more effective use of resources throughout the hospital

AgileTrac Bed Manager streamlines every step of bed management to deliver a better experience for staff and patients, leading to improved business outcomes and higher quality of care.

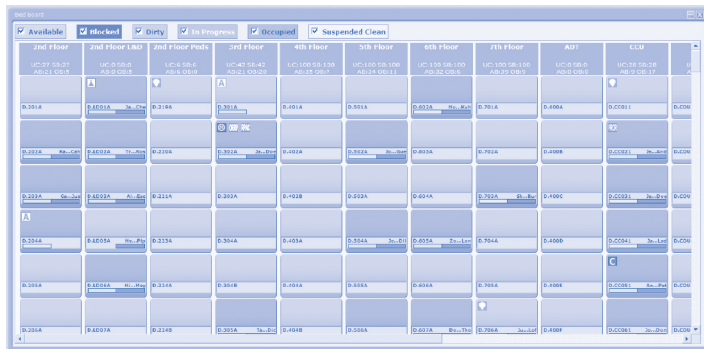


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## Real-time status of patients, rooms and resources.

Streamlining care requires up-to-the-moment knowledge of your patients and resources. AgileTrac Bed Manager uses Real-time Location System (RTLS) technology to automatically track the status and location of patients, staff and equipment in real time. From admission to discharge, the system gives your staff insight into who, where and why — including the effect of status changes and even where your resources should be next.



The screenshot displays a web-based interface for bed management. At the top, there are filter buttons for 'Available', 'In Progress', 'Occupied', and 'Suspended/Clean'. Below this is a grid representing different floors (2nd, 3rd, 4th, 5th, 6th, 7th) and various room numbers. Each cell in the grid contains a small icon or status indicator, such as a person, a bed, or a checkmark, representing the current status of that room. The interface is organized into columns for each floor and rows for individual rooms.

## Automate processes to streamline workflow.

AgileTrac Bed Manager improves productivity by automating key processes, including discharge scheduling and tracking; bed request tracking and management; transport requests; environmental services requests, and integration with other hospital IT systems. The system also helps avoid room turnover delays and bottlenecks through automatic bed status notifications and environmental services staff assignments.

## Get better information, faster.

The right information, delivered quickly, makes the difference between fast care and frustrating delays. AgileTrac Bed Manager provides an accurate flow of information delivered and updated in real time. From the moment a bed request is entered, the system tracks what rooms are needed and the length of patient stays, delivering notifications to the right people at each step. Once a bed request has been filled, the system constantly monitors bed/room status to improve room turnover. The system manages delays in real time while giving you the information you need to see trends and improve workflow over the long term. It also can be fully integrated into other hospital systems, like ADT, to enhance communication of important milestone information.

## Not just any room — the right room.

Effective, efficient patient care means matching their needs to your resources, quickly. The AgileTrac Bed Manager system automatically matches the appropriate bed for each patient's

needs, and then manages environmental services requests and assignments as well as pending and confirmed discharges. Enhanced visuals on the bedboard view give you at-a-glance understanding of bed and room type, occupancy status and specific patient attributes. Automatic notifications and status monitoring ensure patients go where they need to go, when they need to get there. That means more streamlined, efficient care, shorter patient stays and better room utilization.

## Customize your information.

Get the information you need exactly the way you need it. Configurable views let you customize the organization of information via bedboard, graphical map, tabular list and detail views. Choose full-screen views or display multiple views at once for easy information access and assessment. Alerts and notifications can be issued via visual view, pager and e-mail.

## Web-based, integrated, flexible.

AgileTrac Bed Manager is a web-based, single-database solution that gives you complete flexibility. The module can be used on its own or integrated with other AgileTrac modules for a comprehensive workflow and resource management system, with options for single- or multiple-facility hospitals. The system also has the functionality to manage patient placement and room turnover without RTLS implementation.

## Get more from every patient room.

AgileTrac Bed Manager is part of an integrated, intelligent workflow system that allows you to track patients, staff and resources for improved bed management — leading to better resource utilization, improved staff productivity and shorter patient stays. Find out how to increase revenue and staff satisfaction while improving patient care. Contact your GE Healthcare representative or visit [www.gehealthcare.com/agiletrac](http://www.gehealthcare.com/agiletrac).

## About AgileTrac.

AgileTrac is a family of products that delivers all the functionality required to control the flow of patient care throughout the healthcare enterprise. AgileTrac includes automation for mobile medical asset management, bed management, transport management and discharge planning, as well as department-specific modules for surgical services and the emergency department.

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# Find your resources. Increase your assets.

## AgileTrac™ Asset Manager

One of the greatest expenditures in a hospital is its mobile medical assets — from simple patient beds to the most advanced diagnostic systems. Your staff, your patients and your revenues depend on using these valuable resources efficiently and effectively.

AgileTrac Asset Manager from GE Healthcare is a software solution that tracks every mobile medical asset in your inventory, and helps ensure proper cleaning, maintenance and compliance. So when you need it, it's there — ready and waiting. Your facility will gain both cost and care benefits:

- Reduced operational costs with less equipment rental
- Less missing or broken equipment
- Improved utilization of all equipment
- Faster equipment turnaround time; more streamlined patient care
- Improved maintenance, cleaning and compliance
- Complete data for real-time inventory management and capital planning

AgileTrac Asset Manager helps you make the most of your investments in mobile medical assets by ensuring optimal utilization and maintenance — for better business outcomes and better quality of care.



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## Know what you have, where it is and when it's available.

AgileTrac Asset Manager uses Real-time Location System (RTLS) technology to track the status and location of mobile medical assets throughout your facility. Users can choose graphical maps, tabular views or detail views. Searchable data fields let you know equipment location, models, repair and service history, departments or room locations, asset numbers and more. Alerts are triggered if equipment leaves a specified area or a particular facility.



## Reduce rental costs.

If you can't find it, you can't return it. Delays like this cause unnecessary expense. AgileTrac Asset Manager tracks rental utilization by department, including details and dates due for return.

## Inventory rightsizing avoids overpurchasing.

Real-time tracking of mobile medical assets lets you control inventory expense by better managing inventory levels and locating items that are often hoarded, forgotten or misplaced. The system lets you pre-set target levels of inventory for timely replenishment of supplies. Complete inventory control across your enterprise also lets you take advantage of multi-facility inventory sharing.

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## Better maintenance, cleaning and compliance.

Your staff and your patients need equipment that is clean, maintained and ready to use. AgileTrac Asset Manager provides alerts for preventive maintenance due dates, ensures cleaning protocol compliance and tracks all repairs. The system's centralized database provides a complete equipment and service history.

## Improve workflow.

Better use of equipment translates to better patient care and improved revenue opportunities. The AgileTrac system creates integrated requisition and workflow reports to track equipment usage and response time, helping you guide process improvement throughout your facility.

## Get the resources to improve your operation.

AgileTrac Asset Manager is part of a sustainable, flexible platform that integrates with your hospital information systems to help you track, maintain and allocate your mobile medical assets. Find out how to improve processes, lower costs and enhance the quality of patient care. Contact your GE Healthcare representative or visit [www.gehealthcare.com/agiletrac](http://www.gehealthcare.com/agiletrac).

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# Stay in control of every emergency.

## AgileTrac™ ED

Emergency departments are often unpredictable and overburdened. What's more, lives depend upon the most expedient care possible, every hour of every day. Confusion, disruptions or delays can lead to long wait times, patient walkouts, and frustrated physicians and staff.

AgileTrac ED from GE Healthcare helps you take control of even the busiest emergency department to direct the flow of patients from registration through the care process to admission or discharge. You'll see the benefits immediately:

- Streamlined ED workflow and increased staff productivity
- Simplified bed placement and admission
- Fewer delays and faster patient care cycle
- Improved quality of care
- Increased patient satisfaction
- Measurement of key performance indicators

The AgileTrac ED software solution helps you provide better quality of care by giving your staff the information and resources they need when they don't have a moment to lose.



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### Track your entire ED in real time.

AgileTrac ED uses Real-time Location System (RTLS) technology to track, manage and measure patient flow and resources throughout the emergency department process, from registration to admission or discharge. Better information lets you improve patient flow and resource usage at every point in the process, for better business and patient outcomes.

### Follows the patient at every step.

AgileTrac ED lets you know who is in your emergency department, why they are there and what needs to happen next. User-configurable dashboard views show each patient's progress from admission through clinical, operational, diagnostic and lab department workflows. Rules-based alerts and notifications can be sent to PDAs, pagers or cell phones — expediting communication to surgeons, anesthesiologists, nurses, staff administration and patient families.

### Precise resource tracking.

Know where your resources are the moment you need them. AgileTrac ED quickly locates available equipment, provides real-time status of available ED rooms, and monitors overall ED capacity to reduce wait time and avoid bottlenecks.

### Automatically generates and tracks requests.

AgileTrac ED automates many routine tasks so your staff can focus on providing care. The system generates, tracks, and completes requests and notifications for patient beds, specialty resources, and equipment maintenance and repairs.

### Data for process improvement.

Prepare for the future of your emergency department by understanding its past performance. Use historical data from the AgileTrac ED system to compare trends against specific benchmarks or metrics and create reports for performance monitoring and process improvement.

### Get in control of your emergency department.

AgileTrac ED can help you speed patient assessment and care, improve resource allocation and make smart decisions in less time — all in an environment where every second counts. Find out more today. Contact your GE Healthcare representative or visit [www.gehealthcare.com/agiletrac](http://www.gehealthcare.com/agiletrac).

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# Smarter information. Better control.

## AgileTrac™ Enterprise

Your success depends on a controlled flow of patients and assets through your care areas. Flow disruptions mean long wait times and boarding of patients in hallways in potentially unsafe conditions. These in turn can lead to loss of bed capacity, dissatisfied patients and staff, and lost revenue.

AgileTrac Enterprise from GE Healthcare helps streamline care delivery, provide better quality of care and improve your business outcomes. This Enterprise capacity management system lets you see at a glance where patients, staff and mobile medical assets are. It also helps your staff communicate effectively and direct the flow of care. Hundreds of hospitals can attest to the benefits:

- Optimum use of inpatient capacity
- Shorter length of stay
- Faster room turnover
- Better handoffs and communication between departments
- Greater patient satisfaction
- Increased revenue and improved margins

The AgileTrac Enterprise software solution helps streamline processes and speed routine tasks so your staff can spend more time with patients.



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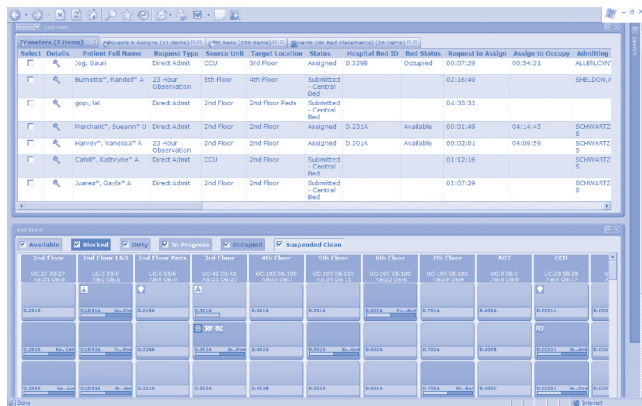
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## Streamline discharges.

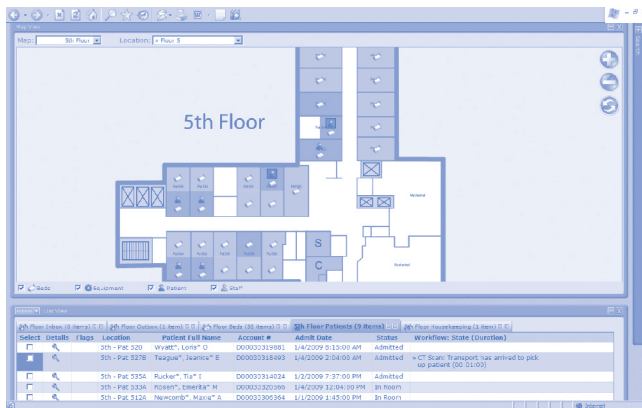
A Patient Discharge Scheduling function tracks pending discharges and creates patient-specific discharge checklists.

## Stay informed with at-a-glance views.

The AgileTrac Enterprise family of products uses Real-time Location System (RTLS) technology to gather real-time data. The system also integrates key events and data from your hospital's other clinical IT systems, feeding them automatically into the system. A workflow engine integrates with rules to provide next steps, status updates and notifications as patients and assets move through your facility. Critical operational status updates are visible in real time on various dashboard views throughout the hospital. Rules-based notifications can be transmitted via e-mail or pager.



Select	Discharge	Patient Full Name	Request Type	Source Unit	Target Location	Status	Hospital Bed ID	Bed Status	Request to Assign	Assign to Clinician	Administ
		Burnette, Randee A	23-hour Observation	5th Floor	4th Floor	Submitted - Central Bed	D 2208	Occupied	02:18:49		SHELDON, J
		gpa, lat	Direct-Admit	2nd Floor	2nd Floor Peds	Submitted - Central Bed			04:35:31		
		Merchant, Susan M U	Direct-Admit	2nd Floor	2nd Floor	Assigned	D 231A	Available	00:01:49	04:14:43	SCHWARTZ S
		Harvey, Vanessa A	23-hour Observation	2nd Floor	2nd Floor	Assigned	D 201A	Available	09:02:01	04:09:59	SCHWARTZ S
		CANH, Johanna A	Direct-Admit	CCU	2nd Floor	Submitted - Central Bed			01:12:16		SCHWARTZ S
		Juarez, Gayle A	Direct-Admit	2nd Floor	2nd Floor	Submitted - Central Bed			01:07:39		SCHWARTZ S



5th Floor

Select	Discharge	Patient Full Name	Accession #	Admit Date	Status	Workflow State (Duration)
		5th - Pat 320 Wyatt, Lonni O	00000318901	1/4/2009 9:13:00 AM	Admitted	
		5th - Pat 3278 Teague, Jeanica E	00000318493	1/4/2009 2:04:00 AM	Admitted	CT Scan; Transport top arrived to ptk on patient 00:31:00
		5th - Pat 3334 Ruckel, Tim I	00000314024	1/2/2009 7:37:00 PM	Admitted	
		5th - Pat 3336 Ruckel, Jennifer H	00000320290	1/4/2009 12:04:00 PM	In Room	
		5th - Pat 3165 Neumann, Mark A	00000330054	1/1/2009 1:45:00 PM	In Room	

## Keep track of resources.

Your staff can quickly find resources across your facilities – there's no more searching of floors and departments for equipment. You get accurate and timely information about patients, staff, beds and equipment. Choose map, tabular and GANTT views. Use any web-enabled device to check for location, status and length of time in a location for any tracked item. Entry and exit times are captured and can be shared with other applications.

## Manage and track requests.

The system creates, tracks and fills requests for beds, environmental services, transport, consults, equipment and equipment maintenance. You can enter requests easily and view them by priority and status: filled, closed or canceled.

## Track and report performance.

AgileTrac Enterprise collects data you can use to monitor workflow processes against key metrics. You can custom-design dashboards that show you real-time metrics, favorite reports, frequently performed searches and favorite views.

## Start improving your flow.

AgileTrac Enterprise can help you streamline operations, improve the patient experience, use assets effectively and make sound strategic decisions. Find out more today. Contact your GE Healthcare representative or visit [www.gehealthcare.com/agiletrac](http://www.gehealthcare.com/agiletrac).

## About AgileTrac.

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# Tracking the OR with surgical precision.

## AgileTrac™ Surgical Services

The surgical services area at your hospital requires tight scheduling and clear communication between surgeons, anesthesiologists, nurses, patients and other hospital staff. The delay of one procedure can adversely affect the entire operating room schedule, raising costs and lowering patient satisfaction.

AgileTrac Surgical Services from GE Healthcare is a software solution that helps you track, manage and direct the flow of patients and resources from registration through recovery and post-surgical care. Real-time decision-making capability about patients and resources helps you:

- Streamline OR workflows
- Reduce surgical schedule delays and cancellations
- Improve communication within the OR and to families
- Increase revenue through faster OR suite turnover
- Avoid system bottlenecks and reduce the need for manual intervention
- Minimize delays in the patient care cycle

AgileTrac Surgical Services helps you improve revenue and patient care by automatically tracking the patient at every step. The result is better quality of care and better business outcomes.



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## Track every procedure simultaneously.

AgileTrac Surgical Services uses Real-time Location System (RTLS) technology to track, manage and measure patient flow and resources throughout the perioperative process, from admission to discharge. Automated patient status and milestone tracking can manage multiple processes simultaneously, helping to avoid delays and bottlenecks.

## The who, where and when of your OR — at a glance.

A busy OR requires complex coordination of resources, staff, physicians and patients. Miss one detail and delays result. AgileTrac Surgical Services provides user-configurable dashboard views of time- and action-based schedules and milestones. Status updates, alerts and notifications can be sent to PDAs, pagers or cell phones — expediting communication to surgeons, anesthesiologists, nurses, staff administration and patient families.

Select	Details	Name	Flags	Sched Room	Location	Surgeon 1	Workflow: State (Duration)	Diagnosis
		ANSON, CENNY	📄 📅 📍 📞	OR 06	holding	LATES, ROB	➤ OR: OR Ready (00:25:00) ➤ Pre-Op: Holding (00:00:00) ➤ Post-Op: Assessment/Documentation Complete (00:25:00)	
		NEGAL, ROBY	📄 📅 📍 📞	OR 08	OR 08	GARIBITI, HETI	➤ OR: Preparation and Prep (00:20:00) ➤ SCT: SCT Availability Needed (00:20:00)	
		SOMOLA, CARL	📄 📅 📍 📞	OR 10	OR 10		➤ OR: Long Procedure Room (00:25:00) ➤ SCT: SCT Availability Needed (00:25:00)	
		RODRIG, CARI	📄 📅 📍 📞		INCU		➤ Recovery: Patient in BRICU (00:21:00)	
		HARTE, SCHMY	📄 📅 📍 📞	OR 16 CISTO	HOLDING	RON, CAMERO	➤ Pre-Op: Patient on Stretcher (00:20:00) ➤ OR: (00:22:00)	

## Find what you need in moments.

Every OR procedure involves some risk, and patient needs can change rapidly. Your staff doesn't have time to search your facility for equipment or for the patient who needs it. The AgileTrac Surgical Services system quickly locates available equipment, and tracks schedules, pre- and post-operative information and patient locations to avoid delays. Critical patient and milestone information is integrated with your hospital's operating room information system (ORIS)

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and electronic medical record (EMR) for a seamless flow of information across the enterprise.

## Automatically generates and tracks requests.

By taking care of routine requests, AgileTrac Surgical Services lets your staff focus on quality patient care while streamlining the hospital admission process. The system generates, tracks, and completes requests and notifications for patient beds, resources, equipment maintenance and repairs. Physicians can track patient progress from home or office via the secure facility intranet.

## Data for process improvement.

The system gives you a rich source of historical data to identify recurring OR bottlenecks and other issues. Reports let you visually track trends over time against specific benchmarks or metrics, facilitating process improvement.

## Increase the precision of your OR.

AgileTrac Surgical Services gives you a seamless system for tracking patients and managing your hospital's resources — allowing you to improve processes, increase revenue and enhance the quality of patient care. Find out more today. Contact your GE Healthcare representative or visit [www.gehealthcare.com/agiletrac](http://www.gehealthcare.com/agiletrac).

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