



Last Change	Review	Approval

## Document History

Version	Date	Changes	JIRA-Ticket	Name
V1	2026-01-06	Release of v1.0 of gammaSTAR OCRA	n/a	dhoi

	<b>GAMMASTAR OCRA</b> Release Letter	V1	Document-ID <b>GSTAR_OCRA</b> Last Change by dhoi Last Change on 2026-01-26 Page 2 / 3
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## 1 Introduction and Overview

This document summarizes the delivery of the **gammaSTAR OCRA Server** for receiving raw MR sequence events and forward it to an OCRA tabletop MR system.

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## 2 Release Summary

<b>Software Component</b>	gammaSTAR OCRA
<b>Version</b>	<a href="https://gitlab.fme.lan/gammastar/gs-py_backend/-/tree/main/sequenceServer/gammastar_ocra?ref_type=heads">https://gitlab.fme.lan/gammastar/gs-py_backend/-/tree/main/sequenceServer/gammastar_ocra?ref_type=heads</a> <ul style="list-style-type: none"> <li>• SHA: 046601a490a8f52967f054abf02422b4a633d5f1</li> </ul>
<b>Embedding Product(s)</b>	Not applicable
<b>Purpose of this Release</b>	Provision of the gammaSTAR OCRA v1.0 software under AGPLv3-clause license for research and educational purposes. Not for clinical use.
<b>OS and Compiler Details</b>	OS: Windows 11 Python Version: 3.12
<b>Embedded Libraries</b>	<p>The following libraries are used by the software. Detailed license information is contained in the delivered "third_party_licenses" folder and in the NOTICE file.</p> <ul style="list-style-type: none"> <li>• numpy - BSD License</li> <li>• matplotlib - Matplotlib License (BSD-style)</li> <li>• ismrmrd - ISMRMRD SOFTWARE LICENSE JULY 2013</li> <li>• h5py - BSD License</li> <li>• pydicom - MIT License</li> <li>• fastapi - MIT License</li> <li>• MaRCoS MRI - GPL-3.0 License</li> <li>• msgpack - MIT License</li> <li>• MRI4ALL Console - GPL-3.0 License</li> <li>• Flocra-pulseq - MIT license</li> <li>• scipy - BSD 3-Clause</li> </ul>
<b>Functionality</b>	The software acts as a FastAPI API that can receive gammaSTAR raw representation and forwards them to the OCRA tabletop MR system. It forwards the incoming measured raw data to the gammaSTAR image reconstruction.
<b>Regulatory Compliance</b>	<p>THIS SOFTWARE IS PROVIDED "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED.</p> <p>In particular, Fraunhofer MEVIS does not ensure compliance to medical product regulations for the release.</p>

<b>Safety Classification</b>	None
<b>Risk Measures</b>	No risk measures defined.
<b>Known Nonconformities and Restrictions</b>	The software is not qualified for use as a medical product or as part thereof. No bugs or restrictions are known.